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ANNUAL PLANNING INFORMATION

California

1982 - 1983

JOB SERVICE

June 1982

ANNUAL PLANNING INFORMATION

CALIFORNIA

1982 - 1983

Prepared by:

Employment Development Department
Employment Data and Research Division
Labor Market Information Section
Economic Analysis Group

Health and Welfare Agency
State of California

FOREWORD

The Annual Planning Information is prepared in cooperation with the U.S. Department of Labor, Employment and Training Administration. Portions of this report are funded from the State's special grant for manpower services under Title II of the Comprehensive Employment and Training Act (CETA).

This report is designed primarily to meet the informational goals of the Employment Security System by providing governmental agencies, CETA administrators, educators, and other interested organizations and persons, with analyses of recent changes in the labor market, short-term outlook, and long-term trends.

Industry wage and salary employment data have been revised to reflect the annual benchmark adjustment. All industry employment data is adjusted to the March 1981 benchmark.

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Highlights

During 1981, the performance of the California economy was marked by a weak recovery from the brief recession which occurred during the first half of 1980; this slight upturn was followed by a return to recessionary conditions during the latter stages of 1981. The following labor market conditions characterize California's 1981 economic performance:

- The civilian labor force increased by 199,000 or 1.7 percent above 1980's average.
- Civilian employment grew by 117,000 or 1.1 percent above the 1980 average level.
- The unemployment level averaged 872,000 for the year; 82,000 above 1980's average which amounted to an increase of 10.4 percent.
- The unemployment rate averaged 7.4 percent, up six-tenths of one percent from the 6.8 percent average rate for 1980.

It is anticipated that California's labor markets will begin to improve during the second half of 1982 due primarily to indications of a resurgence in consumer spending. The recovery phase is expected to continue throughout 1983 as indicated by the following anticipated labor market conditions:

- On an annual average basis, the State's labor force is forecast to increase by 263,000 during 1982 and 261,000 during 1983.
- Civilian employment in 1982 is forecast to average 10,928,000 or 20,000 over the 1981 average; during 1983, civilian employment is forecast to increase by 331,000 or 3 percent above the 1982 average.
- For 1982, the unemployment rate is forecast to average 9.3 percent, falling to 8.5 percent in 1983 while the number of unemployed falls from 1,114,000 in 1982 to 1,046,000 in 1983.
- It is anticipated that growth within the Services and Trade industries will offset the employment losses expected in the cyclically sensitive Construction and Manufacturing industries in 1982.
- The Service industry is expected to lead employment gains in 1983 by accounting for over 30 percent of absolute employment growth by all industries; it will be aided by a rebounding Manufacturing sector expected to grow by 4.3 percent and add approximately 85,000 jobs.

AREA PROFILE

California has 158,693 square miles of area. On its west is the Pacific Ocean with a shoreline of over 1,200 miles. On the south border is Mexico, on the north, Oregon, and on the east are the states of Nevada and Arizona. Its width varies from 150 to 350 miles, with the medial line from north to south 780 miles long. California includes Mount Whitney, the highest peak in the contiguous United States, at 14,495 feet above sea level, and Death Valley, 282 feet below sea level, the lowest point in the Western Hemisphere. The airline distance between these two points is only 60 miles.

California has some 2,300 square miles of inland water. This includes mile-high Lake Tahoe on the California-Nevada border and the Salton Sea, located in the extreme southeastern part of California, in the heart of the desert, 241 feet below sea level. The state's major rivers are the Colorado, on the eastern border, and the Sacramento and San Joaquin, in the central valley. California has two natural landlocked harbors: San Francisco Bay (the largest landlocked harbor in the world), and San Diego Bay. The Port of Los Angeles is an artificially built harbor, protected by a breakwater. Farthest north is Humboldt Bay, a shipping point for lumber and base of a large fishing fleet.

Much of California's attraction and its economy is tied to the abundant equable sunshine and temperatures. Most of California has only two distinct seasons--mild, wet winters and relatively dry summers. Only the higher elevations experience four season weather. Due to California's ocean coast and its wide variation in altitude, many different climates exist. The average July maximum temperature ranges from 64 degrees in San Francisco to 107 degrees in Imperial County. Annual rainfall in the state varies from about 80 inches at Crescent City in the extreme north to about 10 inches at San Diego at the extreme south. In San Francisco, the annual average rainfall is about 22 inches; in Los Angeles, 16 inches. In general, rains occur from October to May. In the mountains and northern part of the state, it rains 60 to 100 days per year; in the southern desert region, there may be as few as 10 days of rain.

Population

The estimated population of the state of California on January 1, 1982, was 24,423,100, which represents an increase of 430,200 or 1.8 percent growth since January 1, 1981. In the preceding decade, the State's population grew annually by approximately 356,300 at a rate of 1.8 percent.

During the ten year interval between 1970 and 1980, California's rate of growth exceeded the rate for the U.S. which increased by 1.1 percent annually. As a result, California increased its relative share of the national population from 9.8 percent to 10.4 percent. Between 1981 and 1982, California once again outpaced the U.S. in terms of population growth; the U.S. population grew by 1 percent during the last year. As a consequence, California enhanced its relative share of the national population to 10.6 percent.

In the respective years of 1970 and 1980, approximately 57 percent of the State's population resided in seven counties (i.e., Imperial; Los Angeles; Orange; Riverside; San Bernardino; San Diego; and Ventura) of Southern California; 43 percent of California's population lived in the remaining 51 counties. As of January 1, 1982, this relationship remains static as the same seven southern California counties retain a 57 percent share of the State's population. In the ten year period between 1970 and 1980, the seven southern counties grew by a combined 17 percent and the remaining counties combined increased by 19 percent. Between 1981 and 1982, the seven counties grew by 1.8 percent; the remaining 51 counties grew by 3.4 percent.

TOTAL POPULATION OF CALIFORNIA COUNTIES
WITH ANNUAL PERCENT CHANGE

AREA	TOTAL POPULATION APR 1970	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1982	ANNUAL PERCENT CHANGE 1970/ 1978	1978/ 1979	1979/ 1980	1980/ 1981	1981/ 1982
ALAMEDA	1071446	1110722	1105281	1104825	1113500	1121000	0.5	-0.5	-0.0	0.8	0.7
ALPINE	484	951	1050	1100	1190	1200	12.1	10.4	4.8	8.2	0.8
AMADOR	11821	16885	18036	19080	20000	20550	5.4	6.8	5.8	4.8	2.7
BUTTE	101969	132510	136674	142114	147200	151000	3.7	3.1	4.0	3.6	2.6
CALAVERAS	13585	17853	19255	20440	21500	23100	3.9	7.9	6.2	5.2	7.4
COLUSA	12430	12911	13014	12899	12750	13150	0.5	0.8	-0.9	-1.2	3.1
CONTRA COSTA	556116	625875	639043	653581	659600	665200	1.6	2.1	2.3	0.9	0.8
DEL NORTE	14580	17200	17667	17998	18600	18600	2.2	2.7	1.9	3.3	0.0
EL DORADO	43833	70939	77583	84300	88000	93300	7.7	9.4	8.7	5.3	5.1
FRESNO	413329	490924	500655	511424	522100	533100	2.3	2.0	2.2	2.1	2.1
GLENN	17521	20270	20657	21268	21450	21350	2.0	1.9	3.0	0.9	-0.5
HUMBOLDT	99692	107250	107889	108049	108900	109100	0.9	0.6	0.1	0.8	0.2
IMPERIAL	74492	87640	89221	91444	94300	97000	2.2	1.8	2.5	3.1	2.9
INYO	15571	17909	18051	18042	17750	17800	1.9	0.8	-0.0	-1.6	0.3
KERN	330234	378972	389108	399994	412400	426400	1.8	2.7	2.8	3.1	3.4
KINGS	66717	72714	73336	73455	74600	75800	1.1	0.9	0.1	1.6	1.6
LAKE	19548	31158	33593	35847	38250	40600	7.4	7.8	6.7	6.7	6.1
LASSEN	16796	19424	20620	21393	22100	22850	2.0	6.2	3.7	3.3	3.4
LOS ANGELES	7041980	7306561	7374031	7446937	7562200	7699400	0.5	0.9	1.0	1.5	1.8
MADERA	41519	54886	58339	62185	65800	68600	4.0	6.3	6.6	5.8	4.3
MARIN	208652	223834	223628	223214	222600	222500	0.9	-0.1	-0.2	-0.3	-0.0
MARIPOSA	6015	9547	10175	10929	11500	11950	7.3	6.6	7.4	5.2	3.9
MENDOCINO	51101	62310	64307	66304	67100	67400	2.7	3.2	3.1	1.2	0.4
MERCED	104629	127335	130192	133371	137400	140700	2.7	2.2	2.4	3.0	2.4
MODOC	7469	8194	8296	8557	8800	9000	1.2	1.2	3.1	2.8	2.3
MONO	4016	7500	7889	8451	8775	8800	10.8	5.2	7.1	3.8	0.3
MONTEREY	247450	279315	284729	288564	296000	298700	1.6	1.9	1.3	2.6	0.9
NAPA	79140	96354	98267	98905	99100	99700	2.7	2.0	0.6	0.2	0.6
NEVADA	26346	42426	46384	50513	54900	59200	7.6	9.3	8.9	8.7	7.8
ORANGE	1421233	1634462	1877435	1921525	1951300	1972100	3.6	2.3	2.3	1.5	1.1
PLACER	77632	104110	110570	116259	120100	124800	4.3	6.2	5.1	3.3	3.9
PLUMAS	11707	15397	16199	17115	17600	17850	3.9	5.2	5.7	2.8	1.4
RIVERSIDE	456916	595792	625930	655874	681200	707900	3.8	5.1	4.8	3.9	3.9
SACRAMENTO	634373	736490	756764	777814	791600	809700	2.0	2.8	2.8	1.8	2.3
SAN BENITO	18226	23411	24120	24762	25650	26400	3.6	3.0	2.7	3.6	2.9
SAN BERNARDINO	682233	787059	833502	878682	927600	967900	1.9	5.9	5.4	5.6	4.3
SAN DIEGO	1357854	1743974	1805410	1850480	1895200	1924700	3.6	3.5	2.5	2.4	1.6

TOTAL POPULATION OF CALIFORNIA COUNTIES
WITH ANNUAL PERCENT CHANGE

AREA	TOTAL POPULATION APR 1970	JAN 1978	JAN 1979	JAN 1980	JAN 1981	JAN 1982	ANNUAL PERCENT CHANGE 1970/ 1978	1978/ 1979	1979/ 1980	1980/ 1981	1981/ 1982
SAN FRANCISCO	715674	683461	680897	679453	683800	691900	-0.6	-0.4	-0.2	0.6	1.2
SAN JOAQUIN	291073	321375	332074	343696	355700	369300	1.3	3.3	3.5	3.5	3.8
SAN LUIS OBISPO	105690	143198	148757	154175	159500	167000	4.4	3.9	3.6	3.5	4.7
SAN MATEO	557361	583525	585007	588025	584400	579900	0.6	0.3	0.5	-0.6	-0.8
SANTA BARBARA	264324	292226	294714	298099	301000	304000	1.3	0.9	1.1	1.0	1.3
SANTA CLARA	1065313	1264076	1285569	1289566	1304700	1313100	2.1	1.7	1.9	1.2	0.6
SANTA CRUZ	123790	176348	181840	186770	192200	195200	5.3	3.1	2.7	2.9	1.6
SHASTA	77640	104146	110217	115020	118600	120800	4.3	5.8	4.4	3.1	1.9
SIERRA	2365	3050	3102	3098	3120	3240	3.6	1.7	-0.1	0.7	3.8
SISKIYOU	33027	37216	38347	39513	40600	41700	1.5	3.0	3.0	2.8	2.7
SOLANO	171989	207809	218891	231877	241700	250000	2.6	5.3	5.9	4.2	3.4
SONOMA	204885	278088	288438	297192	305400	309300	4.5	3.7	3.0	2.8	1.3
STANISLAUS	194506	249549	257526	264190	272100	279100	3.5	3.2	2.6	3.0	2.6
SUTTER	41935	49727	51086	52099	52800	53900	2.3	2.7	2.0	1.3	2.1
TEHAMA	29517	35171	36588	38352	39900	41250	2.4	4.0	4.8	4.0	3.4
TRINITY	7615	11012	11484	11854	12100	12200	5.6	4.3	3.2	2.1	0.8
TULARE	188322	230803	237444	244066	250900	254000	2.8	2.9	2.8	2.8	1.2
TUOLUMNE	22169	29603	32827	33467	34400	36550	4.2	10.9	1.9	2.8	6.3
VENTURA	378496	485770	503057	523148	536500	544700	3.5	3.6	4.0	2.6	1.5
YOLO	91788	109063	110843	112825	114700	117800	2.4	1.6	1.8	1.7	2.7
YUBA	44736	48053	48869	49656	49150	49050	1.0	1.3	1.6	-1.0	-0.2
CALIFORNIA	19971070	22614533	23074627	23533835	23992900	24423100	1.7	2.0	2.0	2.0	1.8
UNITED STATES	204401000	221477000	223880000	226444000	228830000	231009000	1.0	1.1	1.1	1.1	1.0

source: California Department of Finance

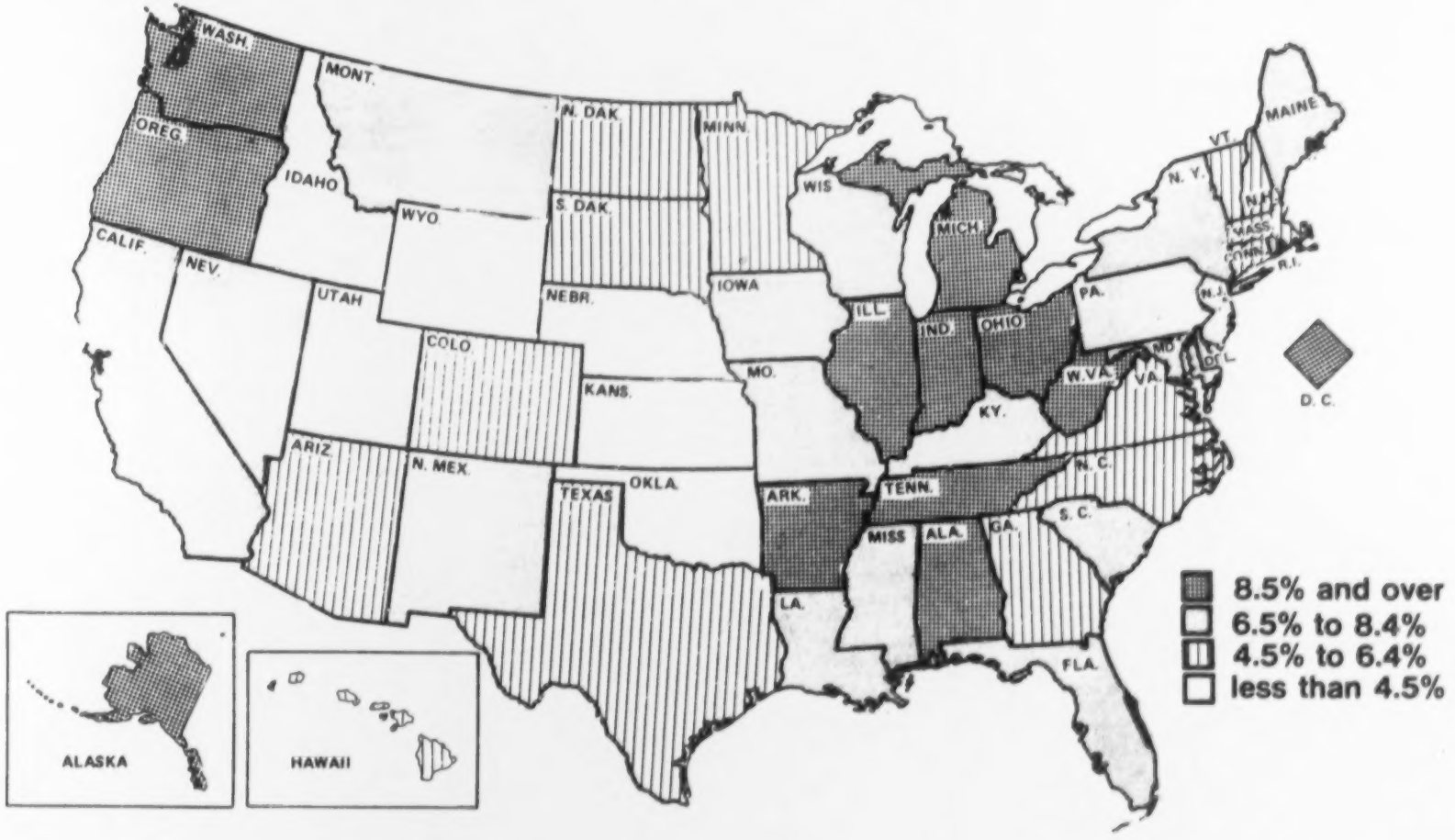
NATIONAL ECONOMY

&

CALIFORNIA ECONOMY

Figure 1

Unemployment Rates by State, 1981* Annual Average



Source: U.S. Department of Labor, Bureau of Labor Statistics, March 1982

* These estimates incorporate population counts from the 1980 Decennial Census.

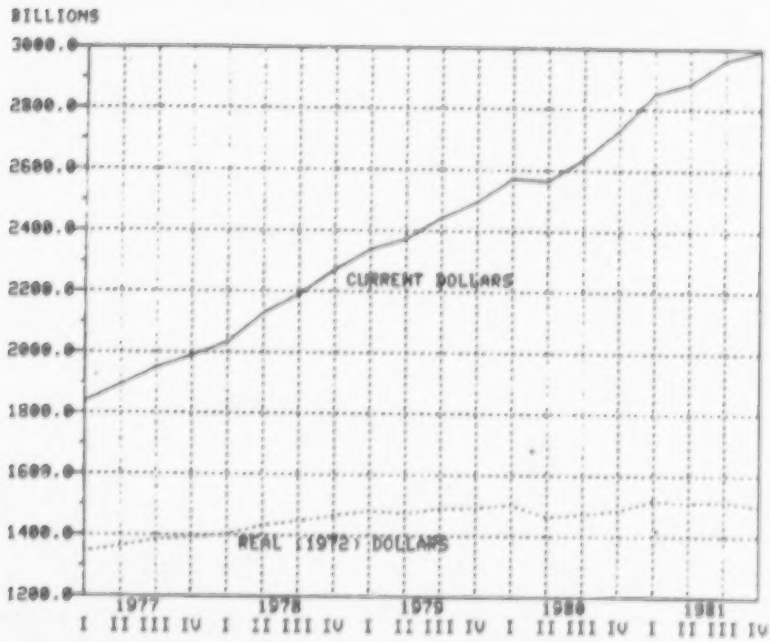
THE NATIONAL ECONOMY IN 1981

The nation's economic growth in 1981 slowed compared to the last two quarters of 1980. When adjusted for inflation, the nation's output, as measured by the Gross National Product (GNP) in 1972 dollars, increased at an annual rate of 8.6 percent during the first quarter of 1981. However, as shown in Figure 2, the rest of the year was dominated by declines in real output; GNP declined at annual rates of 1.6 percent in the second quarter and 4.5 percent in the fourth quarter. The modest annualized increase in output of 1.4 percent in the third quarter averaged to an overall real growth in the nation's economic output of only .9 percent for 1981.

Hopes of a strong recovery from the recession of early 1980 were greatly reduced given the nation's economic performance for the final three quarters of 1981, and especially given the fourth quarter decline. Factors principally responsible for the downturn in the nation's economic performance were the depressed performance of the auto and construction industries; generally high interest rates; diminishing domestic investment; and fluctuating personal consumption expenditures.

FIGURE 2

GROSS NATIONAL PRODUCT



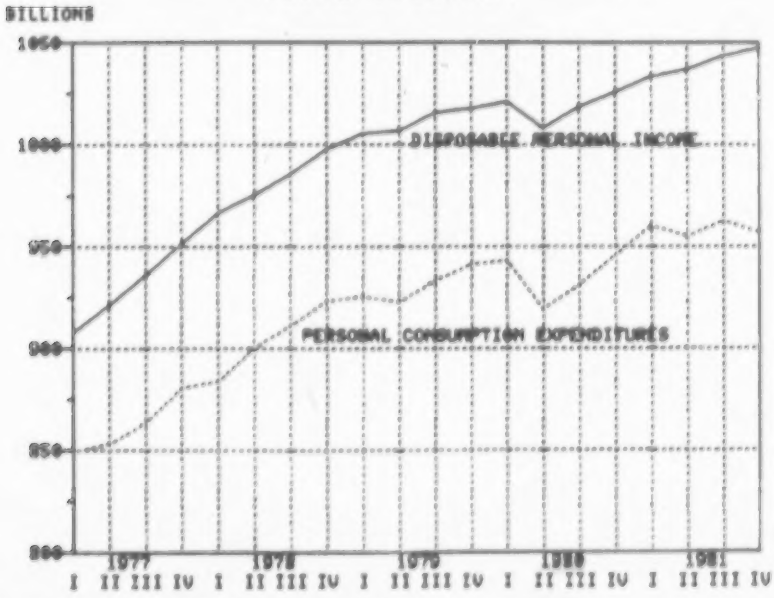
QUARTERLY DATA, SEASONALLY ADJUSTED AT ANNUAL RATES

SOURCE: DEPARTMENT OF COMMERCE
BUSINESS CONDITIONS DIGEST, FEBRUARY 1982

Real Personal Consumption Expenditures illustrated in Figure 3, slowed in growth from the fourth quarter of 1980 and fluctuated during 1981. During the first quarter of 1981, Real Personal Consumption Expenditures grew at an annual rate of 5.8 percent, a decline from the previous quarter's annual growth rate of 7.1 percent. Expenditures on Personal Consumption followed the trend of real GNP, showing annualized declines of 2.1 percent in the second quarter and 2.2 percent in the fourth quarter. The third quarter showed a modest increase with an annual growth rate of 3.3 percent. Disposable Income, also shown in Figure 3, increased by 2.2 percent between the fourth quarters of 1980 and 1981. During the same period, Real Personal Consumption Expenditures increased by only 1.1 percent. Thus, the pattern of Personal Consumption Expenditures reflected consumers' retrenchment in the face of economic uncertainty. Increasing interest rates and prices during the final two quarters were at the core of diminished consumer expenditures over 1981.

FIGURE 3

PERSONAL CONSUMPTION EXPENDITURES
& DISPOSABLE PERSONAL INCOME
(1972 DOLLARS)



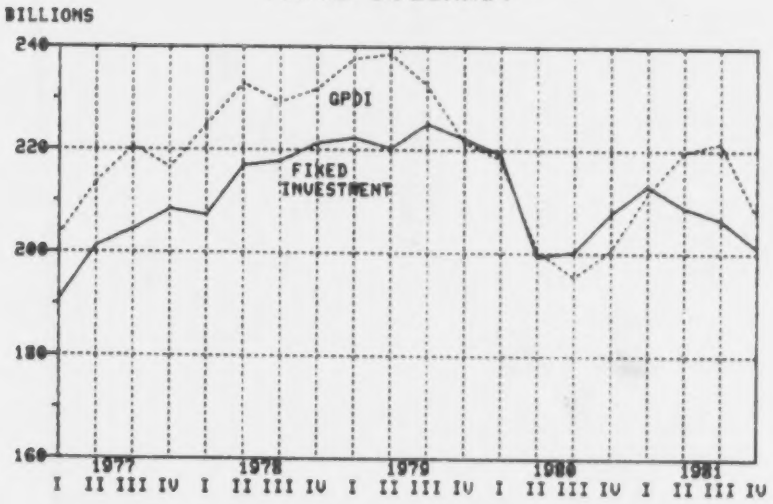
QUARTERLY DATA, SEASONALLY ADJUSTED AT ANNUAL RATES

SOURCE: DEPARTMENT OF COMMERCE
BUSINESS CONDITIONS DIGEST, FEBRUARY 1982

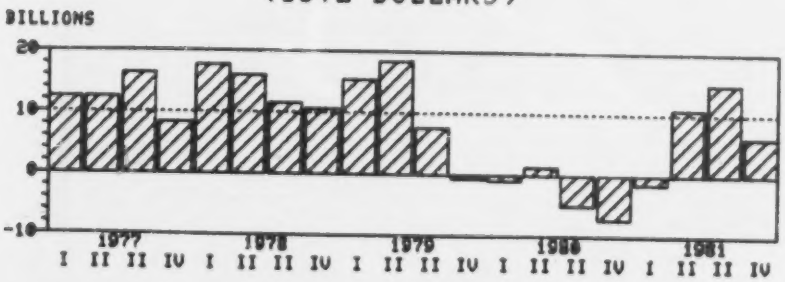
the surge it had registered through the last three quarters of 1980. Between the fourth quarters of 1980 and 1981, Real Fixed Investment, measured in 1972 dollars, fell by $5.5 billion, or 2.6 percent. This was influenced by concomitant low levels of Capacity Utilization. After increasing modestly from the 1980 recession level of 76 percent to a fourth quarter level of 78 percent, Capacity Utilization fell to 72 percent during the fourth quarter of 1981. Following this lead, the first quarter increase in Fixed Investment at an annual rate of 11.0 percent was offset by three consecutive annualized declines of 8.1, 4.7 and 8.8 percent, in the second, third and fourth quarters, respectively. Declines in Fixed Investment were reflected in Residential Construction starts. Private Housing Starts and New Building Permits both showed marked declines during 1981, falling 39.5 percent and 36.9 percent, respectively between December 1980 and December 1981. Gross Private Domestic Investment (GPDI), the sum of Fixed Investment plus changes in Business Inventories, followed a more exaggerated path than Fixed Investment. As indicated in Figure 4, GPDI increased through the third quarter of 1981 and fell sharply during the fourth. Changes in Business Inventories provide the explanation for the difference in the behavior of GPDI as compared to Fixed Investment. After a modest reduction during the first quarter of 1981 of $1.4 billion, Real Business Inventories accumulated during the final three quarters of the year. Thus, the modest increases in GPDI during the middle quarters of 1981 were due to inventory build-ups.

FIGURE 4

GROSS PRIVATE DOMESTIC INVESTMENT
(1972 DOLLARS)



CHANGE IN BUSINESS INVENTORIES
(1972 DOLLARS)



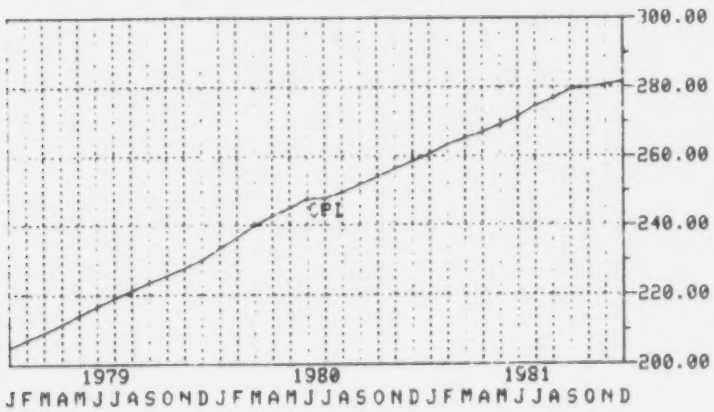
QUARTERLY DATA, SEASONALLY ADJUSTED AT ANNUAL RATES

SOURCE: DEPARTMENT OF COMMERCE
BUSINESS CONDITIONS DIGEST, FEBRUARY 1982

Perhaps the most optimistic movement in major economic indicators during 1981 was in the Consumer Price Index (CPI). As illustrated in Figure 5, the CPI showed a definite trend of slowing inflation during the final quarter of 1981. The first three quarters of 1981 showed fairly constant increases in the CPI, averaging an annualized inflation rate of approximately 10 percent. The final three months of the year showed an average annualized rate of inflation of only 5.9 percent. Declines in the inflation rate also reflected some success of a restrictive monetary policy, which has been in effect since early 1980. The real money supply, (e.g., M1), measured in 1972 dollars, dipped to $193.7 billion in September--its lowest level since the 1950s. This tight money environment has been reflected in decreased rates of consumer spending and investment, and has also been reflected in the Prime Interest Rate, the rate banks charge their most credit worthy corporate customers. As shown in Figure 6, the Prime Interest Rate rose to an all-time high of 20.5 percent in August 1981. Movements in the Prime Interest rate also reflected record levels of federal government deficits, as the net draw on loanable funds demanded by federal shortages reached $99.5 billion in the fourth quarter of 1981.

FIGURE 5

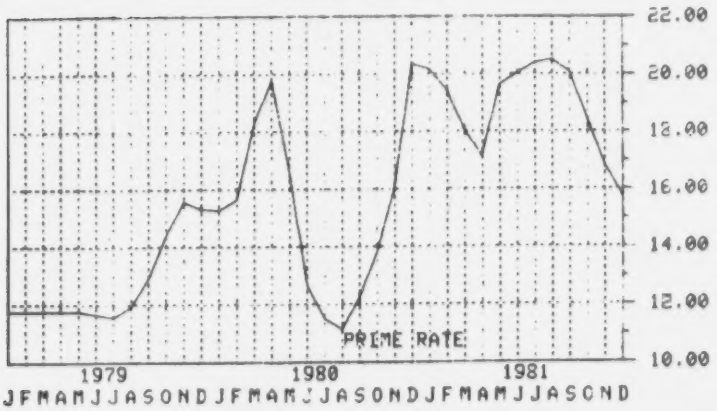
CONSUMER PRICE INDEX 1979-1981 BY MONTH
UNITED STATES



SOURCE: BUSINESS CONDITIONS DIGEST FEBRUARY 1982

FIGURE 6

PRIME INTEREST RATE 1979-1981 BY MONTH
UNITED STATES

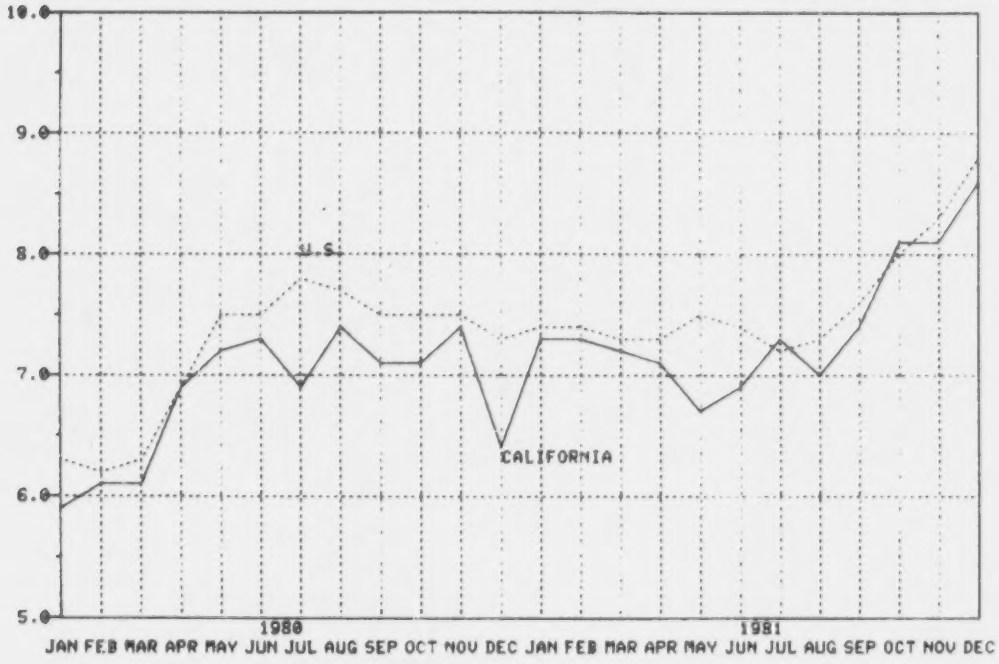


SOURCE: BUSINESS CONDITIONS DIGEST FEBRUARY 1982

Developments in the nation's labor markets generally reflected the economic uncertainty displayed in movements of the economic indicators discussed above. The seasonally adjusted U.S. Unemployment Rate, displayed in Figure 7, hovered about the 7.3 percent level for the first nine months of the year. However, during the last three months of the year, the rate moved up sharply, reaching 8.8 percent in December. The number of unemployed civilians jumped by 1.7 million persons between December 1980 and December 1981. The Civilian Labor Force averaged 108.7 million during 1981, up approximately 1.7 million or 1.6 percent over 1980's average of 107.0 million workers. Civilian employment averaged 100.4 million or 1.1 million over the 1980 annual average of 99.3 million.

FIGURE 7

COMPARISON OF SEASONALLY ADJUSTED UNEMPLOYMENT RATES



SOURCE: CURRENT POPULATION SURVEY

THE CALIFORNIA ECONOMY IN 1981

The performance of California's economy during 1981 was marked by a weak recovery from the brief recession which occurred during the first half of 1980 followed by a return to recessionary conditions during the latter stages of 1981. On an annual average basis, civilian employment increased by only 117,000 or 1.1 percent over 1980 levels. Weakness in employment growth resulted in an increase in unemployment during the year.

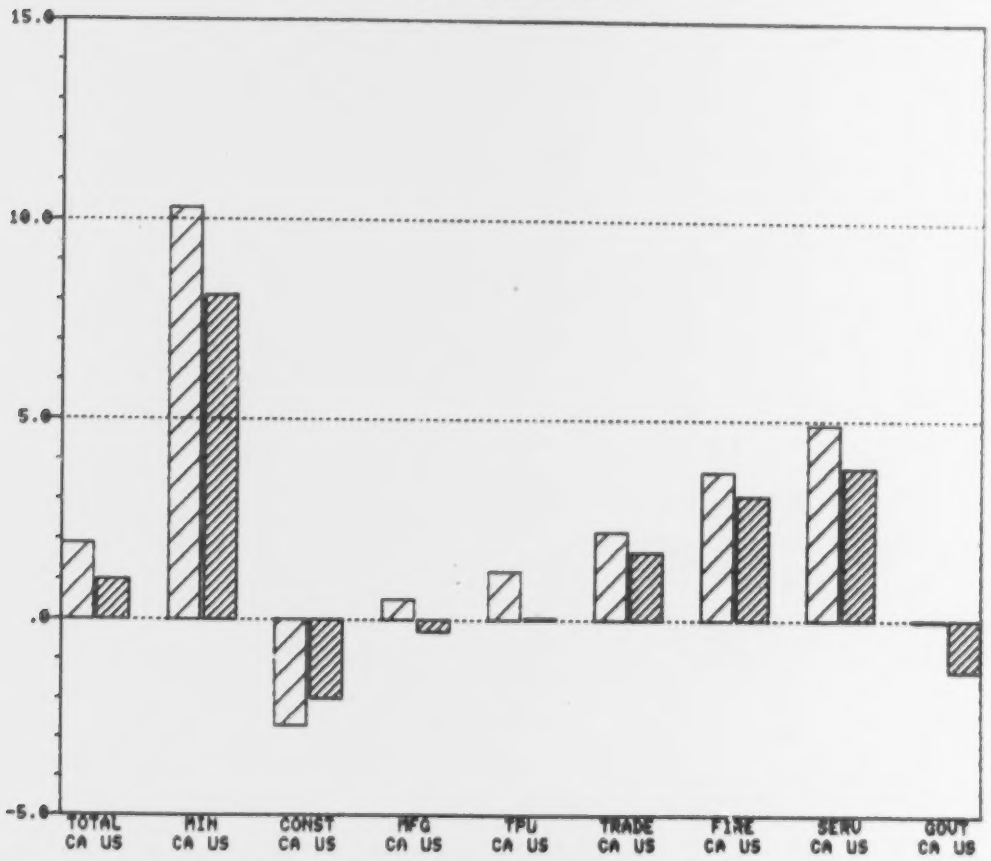
After falling during the first half of 1981, the State's unemployment rate, illustrated in Figure 7, began edging upward, reaching 8.6 on a seasonally adjusted basis in December. For the year, the unemployment rate averaged 7.4 percent, up six-tenths of one percent from the 6.8 percent rate for 1980. The number of unemployed individuals similarly increased during the latter part of 1981 reaching 1,023,000 for December while averaging 872,000 for the year.

December marked the first time the unemployment level has exceeded 1 million individuals since November of 1976.

Weakness in the California economy was further evidenced in the below average rate of growth in nonagricultural wage and salary jobs. Wage and salary employment increased by only 187,400 during 1981 on an annual average basis, matching the equally weak performance of 1980 in which 187,800 jobs were added. To put these numbers into perspective, between 1975 and 1979, annual job growth averaged 454,000 per year. Despite the sub-par performance of the California economy during 1981, the rate of job growth still exceeded that for the nation as a whole. Data provided in Figure 8 show that with the exception of construction, the rates of job growth in each of the major industry groups were greater than those registered by their national counterparts. Figure 9 indicates that the distribution of employment by industry in California continued to be more oriented toward service producing industries (i.e., Services; Trade; and Finance, Insurance and Real Estate) as compared to the balance of the nation.

FIGURE 8

COMPARISON OF 1980-81 EMPLOYMENT GROWTH RATES OF CALIFORNIA AND THE UNITED STATES(EXCL. CALIF.) BY INDUSTRY

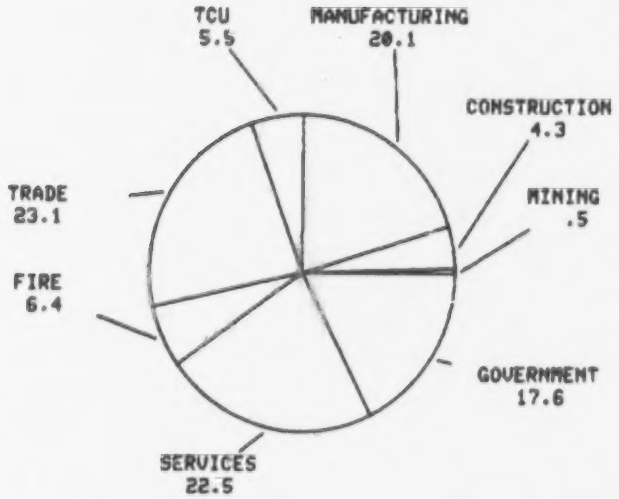


SOURCES: EMPLOYMENT DEVELOPMENT DEPARTMENT /EMPLOYMENT DATA & RESEARCH
BUREAU OF LABOR STATISTICS,EMPLOYMENT AND EARNINGS, JANUARY 1982

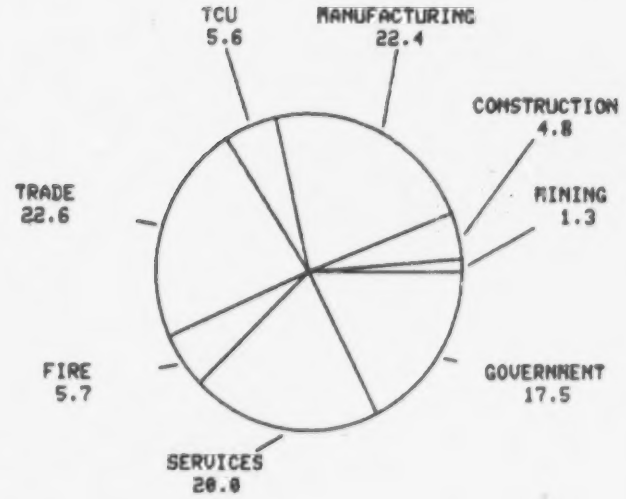
FIGURE 9

COMPARISON OF INDUSTRY MIX
1981
PERCENTAGE OF TOTAL EMPLOYMENT

CALIFORNIA



U.S. EXCLUDING CALIFORNIA



SOURCE: EMPLOYMENT DEVELOPMENT DEPARTMENT, ED&R
BUREAU OF LABOR STATISTICS, EMPLOYMENT &
EARNINGS, JANUARY 1982

Due to pervasive weakness in home building during 1981, jobs in California's construction industry fell by 2.7 percent as compared to a 2.1 percent decline nationally. As a result of high mortgage interest rates and weak housing demand, building permits fell by 27.6 percent during 1981 with total permits numbering 104,900 as compared to 144,904 permits for 1980. Residential building activity declined during the year, with permits falling to an annual rate of 64,200 in December.

Personal income totaled $292 billion for 1981 or 12.5 percent over 1980. When adjusted for inflation the real gain amounted to 3.8 percent, which was greater than the 3.0 percent real gain nationally. Prices, while continuing to advance during 1981, slowed from the pace observed during 1980. Between 1980 and 1981, the Consumer Price Index rose by 10.9 percent down from the 15.6 percent rate experienced between 1979 and 1980.

1982-83 CALIFORNIA LABOR MARKET OUTLOOK

The national recession which began in the second half of 1981 continued to dominate labor market developments during the early months of 1982. Coming on the heel of a 4.5 percent decline during the fourth quarter of 1981, the decline in real GNP of 3.9 percent during the first quarter of 1982 has resulted in sharp increases in unemployment both nationally and in California. Indications are that the economy was still on a downslide at the end of the first quarter. During March, the index of leading indicators fell for the eleventh consecutive month while retail sales similarly fell, wiping out the moderate gain experienced during February. Retail sales in March were barely above levels realized last December and were $800 million below the previous peak for this series which occurred during August of last year. More recent developments suggest that the economy may be entering a recovery phase. Inventory liquidation is nearing completion, setting the stage for recovery in production by mid-year. Further, interest rates have been inching downward while price increases have slowed substantially, and consumer incomes have been edging upward. These factors taken together point towards a resurgence in consumer spending. The consumer sector should also benefit significantly from the 10 percent cut in personal income taxes which takes effect in July of this year. Recent forecasts of national economic activity suggest that the recovery will be underway by the second half of this year. The consensus view of 44 prominent national forecasting organizations, reported in the May issue of Blue Chip Economic Indicators, points toward a slight increase in real GNP during the second quarter of this year followed by moderate increases through 1983. Thus, it is likely that California labor markets will begin to improve during the second half of this year. Developments in the State's Labor Force, Civilian Employment, and Unemployment are discussed below, based on data provided in Figure 10. The outlook for Nonagricultural Wage and Salary jobs during 1982 and 1983 for the major industry groups is provided in Figure 11 followed by a discussion of recent developments within each major group.

CIVILIAN EMPLOYMENT

Civilian employment is expected to fall slightly between the first and second quarters of this year with growth resuming in the third quarter of 1982 and continuing through the fourth quarter of 1983. On an annual average basis, civilian employment in 1982 is forecast to average 10,928,000 or 20,000 over the 1981 average. During 1983, civilian employment is forecast to increase by 331,000 or 3 percent over the 1982 average.

Figure 10

Labor Force, Employment, Unemployment:
California 1981 (I) - 1983 (IV) Seasonally Adjusted
in Thousands

	1981				1982				1983			
Quarter	I	II	III	IV	I	II(F)	III(F)	IV(F)	I(F)	II(F)	III(F)	IV(F)
Labor Force	11,728	11,772	11,759	11,861	11,972	12,033	12,053	12,112	12,192	12,260	12,338	12,427
Employment	10,876	10,962	10,912	10,882	10,893	10,890	10,920	11,010	11,107	11,206	11,302	11,420
Unemployment	852	810	847	979	1,079	1,143	1,133	1,102	1,085	1,054	1,036	1,007
Rate	7.3	6.9	7.2	8.3	9.0	9.5	9.4	9.1	8.9	8.6	8.4	8.1
		Absolute Change	% Change			Absolute Change	% Change			Absolute Change	% Change	
Annual Average:												
Labor Force	11,780	+199	1.7		12,043	+263	2.2		12,304	+261	2.2	
Employment	10,908	+117	1.1		10,928	+20	.2		11,259	+331	3.0	
Unemployment	872	+82	10.4		1,114	+242	27.8		1,046	-68	-6.1	
Rate	7.4				9.3				8.5			

Source: Employment Development Department
Employment Data and Research Division
Economic Analysis Group

F = Forecast

Figure 11

California Nonagricultural Wage and Salary Employment Forecast for 1982, 1983: Annual Averages in Thousands

	1981	1982	1983	Change 81-82		Change 82-83	
				Number	Percent	Number	Percent
Total	10040	10106	10442	+66	+ .7	+336	+3.3
Mining	48	50	53	+2	+4.2	+3	+6.0
Construction	433	393	412	-40	-9.2	+19	+4.8
Manufacturing	2019	1970	2055	-49	-2.4	+85	+4.3
Nondurable	644	636	658	-8	-1.2	+22	+3.5
Durable	1375	1334	1397	-41	-3.0	+63	+4.7
Transportation and Public Utilities	553	556	575	+3	+ .5	+19	+3.4
Trade	2317	2368	2442	+51	+2.2	+74	+3.1
Finance, Insurance, Real Estate	646	666	688	+20	+3.1	+22	+3.3
Services	2261	2359	2462	+98	+4.3	+103	+4.4
Government	1763	1744	1755	-19	-1.1	+11	+ .6

Source: Employment Development Department
Employment Data and Research Division
Economic Analysis Group

UNEMPLOYMENT

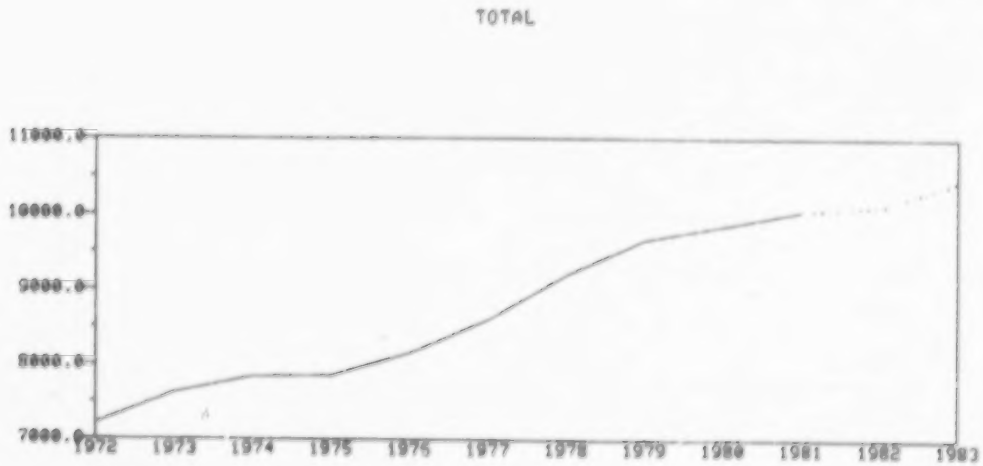
Both the rate and level of unemployment are expected to peak during the second quarter of this year with the number of unemployed individuals averaging 1,143,000 and the rate averaging 9.5 percent. The unemployment situation should gradually improve during the third quarter and throughout the forecast period. For 1982, the unemployment rate is forecast to average 9.3 percent, falling to 8.5 percent in 1983 while the number of unemployed falls from 1,114,000 in 1982 to 1,046,000 in 1983.

LABOR FORCE

Growth in the civilian labor force is expected to accelerate moderately during the second half of 1982 in response to improved labor market conditions. On an annual average basis, the State's labor force is forecast to increase by 263,000 during 1982 and 261,000 during 1983, resulting in annual averages of 12,043,000 and 12,304,000 for 1982 and 1983, respectively.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

The number of nonagricultural wage and salary jobs is expected to increase marginally during 1982 due to recessionary economic conditions in the State during the first half of the year. Annual average job growth is forecast to total 66,000 between 1981 and 1982 for a year over gain of .7 percent. For 1982, wage and salary employment is expected to average 10,106,000 jobs. Improved economic conditions which are anticipated in the second half of 1982, and are expected to continue through 1983 should result in an increase of 336,000 jobs during 1983 on an annual average basis.



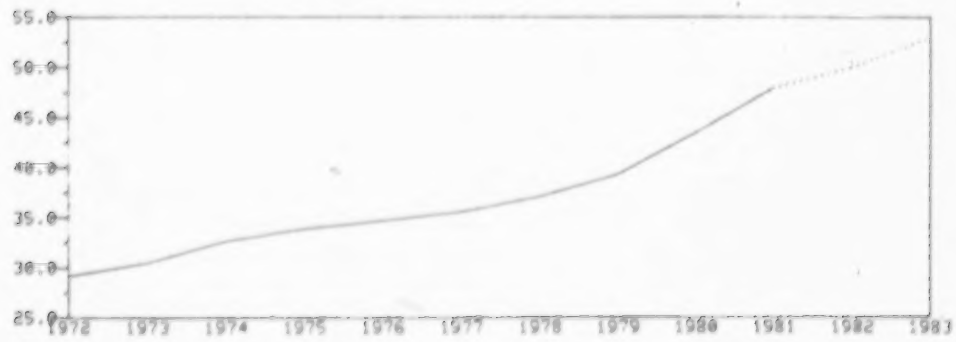
HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

MINING

During 1981, the number of jobs in this sector increased by 4,500 over 1980, and averaged 48,000 for the year. Over 95 percent of the year-to-year growth occurred in the oil and gas extraction component which added 4,800 jobs over the year. Nonmetal Mining experienced a decline of 500 jobs over the year.

The Mining Industry is expected to add 2,000 jobs during 1982 followed by a gain of 3,000 jobs in 1983. Oil and Gas Extraction which accounts for most of the employment in this industry should continue to be the major source of employment growth in mining.

MINING



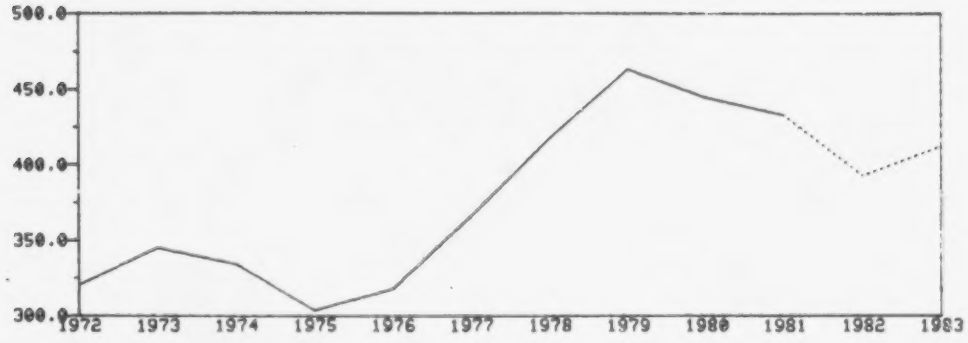
HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

CONSTRUCTION

Employment in the Construction Industry declined in 1981 for the second straight year. The number of construction jobs averaged 432,900 during 1981, down 11,900, or 2.7 percent, from 1980's average of 444,800. The largest relative decline took place among General Building Contractors with employment falling by 5,800 jobs or 5.0 percent. Special Trade Contractors experienced a decline in jobs of 6,300 or 2.7 percent on an annual average basis while the number of jobs in the Heavy Construction Industry remained unchanged from its 1980 annual average of 90,900 jobs.

Due to continued deterioration in home building in California, the number of jobs in the Construction Industry is forecast to average 393,000 during 1982 for an annual average decline of 40,000 jobs. Improved economic conditions beginning in the second half of 1982 and continuing throughout 1983 should provide for some relief from high mortgage interest rates resulting in moderate gains in construction employment during 1983. On an annual average basis, construction employment is forecast to average 412,000 during 1983 for a year over gain of 19,000 jobs.

CONSTRUCTION



HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

MANUFACTURING

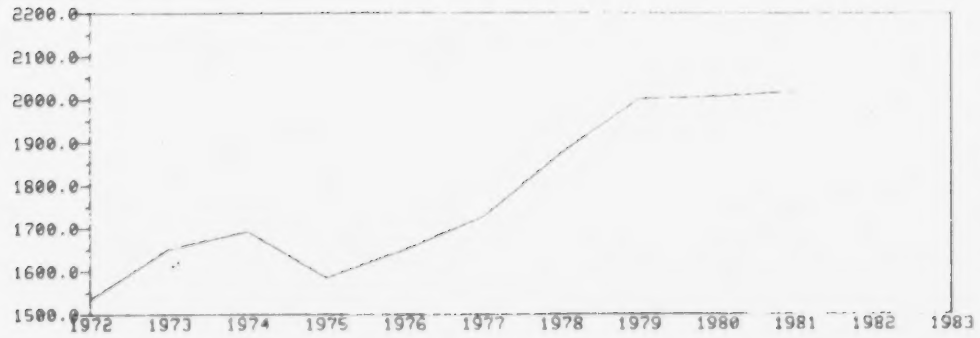
Employment in the Manufacturing Industries increased marginally during 1981 averaging 2,018,800 jobs for the year. This represents an annual average increase of 11,000 jobs, or a .5 percent gain in employment over the 1980 annual average of 2,007,800 jobs. Both Durable and Nondurable Goods Manufacturing showed increases in average employment in 1981. The Nondurable Goods Industries increased by 6,300 jobs, or 1.0 percent, while the Durable Goods Industries increased by 4,700 jobs, or .3 percent.

Within the durable goods sector, employment fell dramatically for the production of Lumber and Wood Products Excluding Furniture, which lost 5,000 jobs or 8.2 percent of its average 1980 employment. Other job reductions were also reported in the production of Stone, Clay and Glass products (-1,000 jobs or -1.7 percent); Primary Metal Industries (-1,800 jobs or -3.1 percent); Fabricated Metal Products (-1,400 jobs or -.9 percent); and Machinery Excluding Electrical (-1,800 jobs or -.8 percent). These employment losses within the Durable Goods sector were offset by gains in five other areas. The most notable gain in jobs was in the Electrical Equipment and Supplies Industry, which experienced an increase in employment of 8,700 jobs, or 2.6 percent over its average 1980 employment. Other sectors showing more moderate increases in employment were Furniture and Fixtures (+1,400 jobs or +2.6 percent); Transportation Equipment (+1,100 jobs or +.4 percent); Instruments and Related Products (+3,300 jobs or +3.3 percent); and Miscellaneous Durable Goods (+1,300 jobs or +3.3 percent).

Employment gains among the Nondurable Goods Industries were led by Apparel and Other Textiles which added 2,500 jobs or 2.3 percent over the 1980 annual average. Other industries in this sector experiencing job gains included Petroleum and Coal Products (+1,800 jobs or +6.5 percent); Printing and Publishing (+1,400 jobs or +1.1 percent); and Chemicals and Allied Products (+1,800 jobs or +2.8 percent); Rubber and Plastics (+700 jobs or +1.1 percent); and Leather Products (+1,100 jobs or +10.1 percent). Annual average losses in employment occurred in Food and Kindred (-2,800 jobs or -1.5 percent); Textile Mills (-400 jobs or -2.8 percent); and Paper and Allied Products (-100 jobs or -.3 percent).

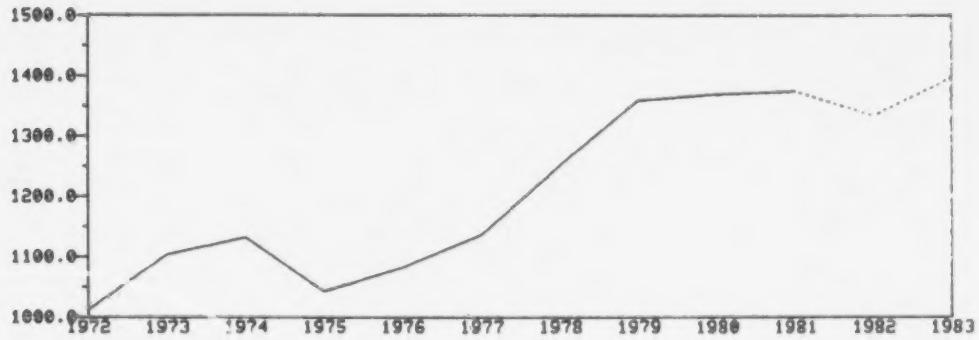
Manufacturing employment is expected to decline by 49,000 jobs during 1982, averaging 1,970,000 jobs for the year. As is typical of cyclical downturns, most of the decline should occur in the Durable Goods Industries which are forecast to experience a job loss of 41,000 jobs or a 3.0 percent decline as compared to a loss of 8,000 jobs in the Nondurable Goods Industries or a 1.2 percent decline. Employment prospects in the Manufacturing Industries are expected to improve during 1983 as the economy moves into the recovery phase of the cycle. For 1983, manufacturing employment is forecast to average 2,055,000 jobs for a year-to-year gain of 85,000 jobs. High technology industries, which include those related to electronics and aerospace, should lead the recovery in this sector. Industries which are dependent on construction activity such as Lumber and Wood Products; Furniture; and Stone, Clay, and Glass Products, should exhibit more moderate improvement in line with expectations for a moderate recovery in construction.

MANUFACTURING



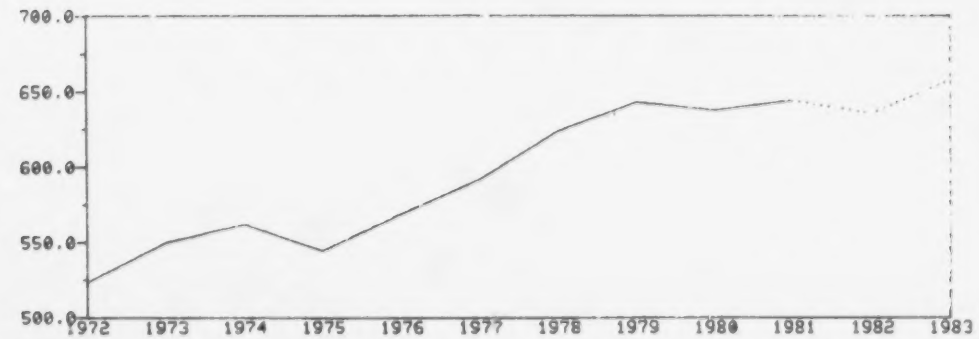
HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

DURABLE GOODS MANUFACTURING



HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

NONDURABLE GOODS MANUFACTURING



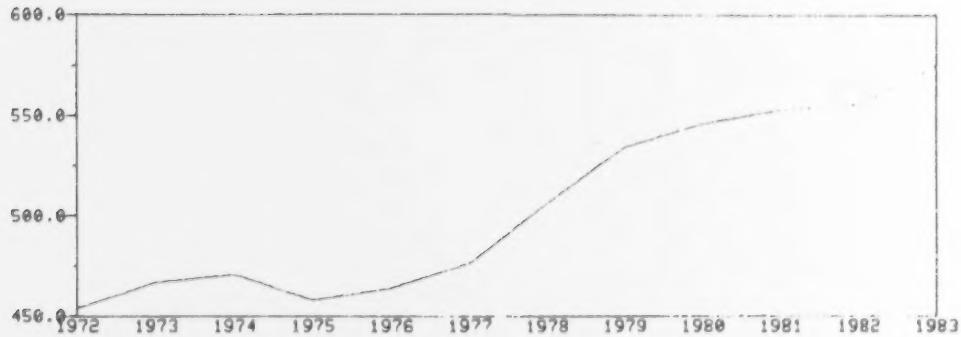
HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES

The number of jobs in this sector increased by 6,700, or 1.2 percent in 1981, averaging 553,000 jobs for the year. This increase was located primarily in the Communications Industry, which experienced an increase in employment of 10,200 jobs, or 6.0 percent over its 1980 level. Utilities also registered an increase in employment, with a year-over gain of 1,100 jobs or 1.6 percent. Partially offsetting these increases was a loss of 4,600 jobs in the Transportation Industry, representing an annual average decline of 1.5 percent.

Employment in this industry group is forecast to average 556,000 jobs during 1982, an increase of 3,000 jobs over 1981. During 1983, job growth is anticipated to move forward, averaging 19,000 for the year, or 3.4 percent over 1982 employment. Communications and Utilities should lead this group in relative growth while the transportation component benefits from an improving economy.

TRANSPORTATION AND PUBLIC UTILITIES



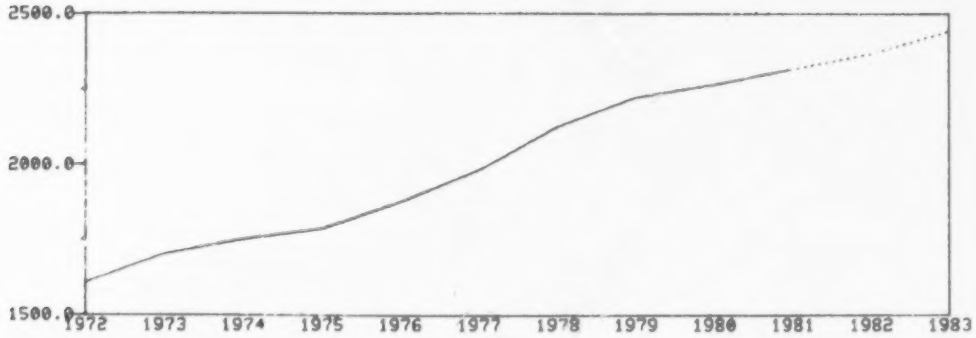
HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

TRADE

Employment in Wholesale and Retail Trade increased in 1981 by 49,700 jobs, which represents a 2.2 percent growth over the 1980 annual average. Employment in Trade averaged 2,316,500 jobs for the year. During 1981, average employment increased in both Retail and Wholesale Trade by 32,000 jobs or 1.9 percent and 17,700 jobs or 3.0 percent, respectively.

Retail and Wholesale Trade should add 51,000 jobs during 1982 followed by a gain of 74,000 jobs in 1983. For 1982 and 1983, employment is anticipated to average 2,368,000 and 2,442,000 jobs, respectively. The expected upturn in consumer spending later this year should support increased job opportunities in this industry.

WHOLESALE AND RETAIL TRADE



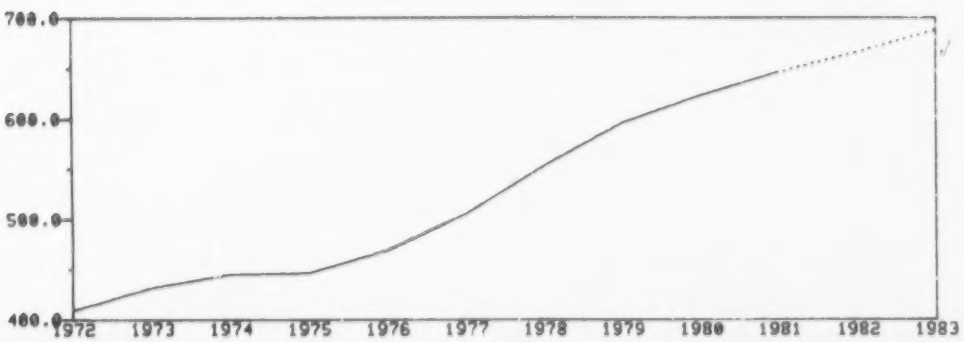
HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

FINANCE, INSURANCE AND REAL ESTATE

Employment in the Finance, Insurance and Real Estate sector expanded in 1981 by 23,200 jobs for an average level of employment of 646,300. This represents a growth of 3.7 percent over the average 1980 level of employment. Growth in this sector was led by the Finance Industry, which experienced a 5.9 percent increase in employment, adding 17,800 new jobs. The Insurance and Combination Holdings components also showed increases in average 1981 employment of 5,300 and 1,000 jobs, respectively. The Real Estate Industry showed a loss of 900 jobs, representing a .7 percent decrease in average 1980 employment due to weakness in the Construction Industry as was discussed earlier.

The number of jobs in this sector is projected to average 666,000 in 1982 for a year-to-year gain of 20,000 jobs. An improving economy is anticipated to result in the addition of 22,000 jobs in this sector during 1983. The Finance and Insurance components of this sector are expected to contribute most of the year-to-year growth in both absolute and relative terms. Employment gains in the Real Estate Industry are expected to be more moderate and in line with the expected moderate recovery in construction activity.

FINANCE, INSURANCE AND REAL ESTATE



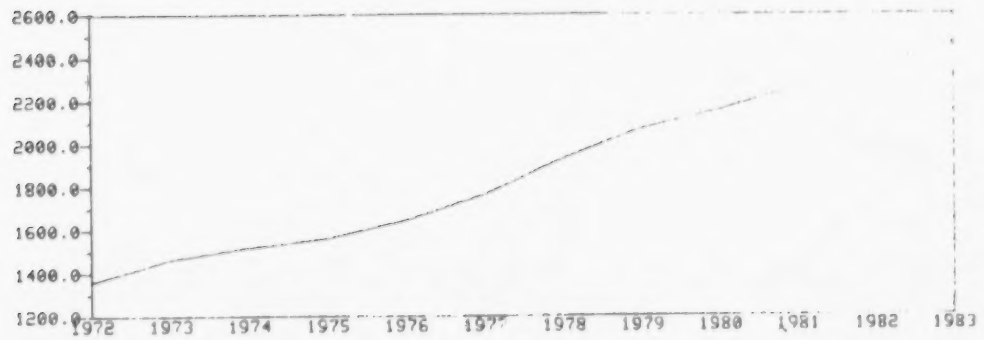
HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

SERVICES

Services was the second largest industrial category in California's 1981 economy, with an average employment level of 2,261,200 jobs. It also showed the strongest performance, adding 105,000 jobs to the economy, for a year-to-year growth rate of 4.9 percent. Increases in jobs were experienced in Health Services (+29,300 jobs or +5.3 percent); Other Services (+25,600 jobs or +4.1 percent); and Business Services (+21,400 jobs or +4.6 percent). The Motion Picture Industry registered the largest relative gain, adding 13,600 jobs over its average 1980 level of employment, for a year-over growth rate of 19.9 percent.

Between 1981 and 1982, employment in the Services Industry is forecast to increase by 98,000 jobs on an annual average basis. For 1983, Services employment is expected to average 2,462,000 for a year-over gain of 103,000 jobs. As has been the case during the recent past, employment growth in business and health related services should continue to drive absolute job growth in this industry.

SERVICES



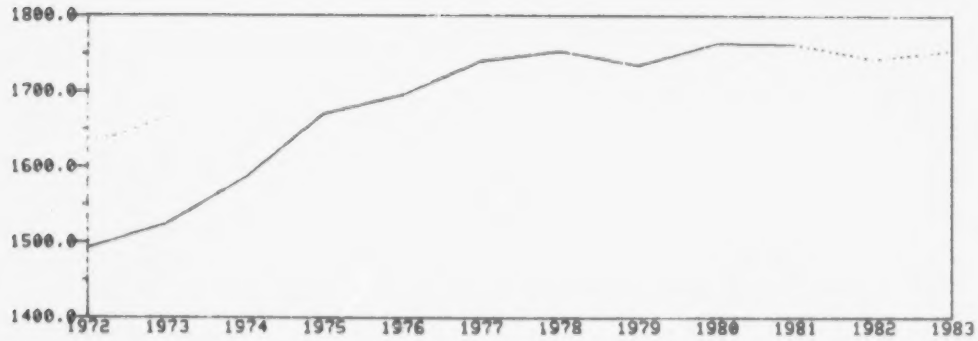
HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

GOVERNMENT

The Government sector maintained almost equal levels of employment between 1981 and 1980, showing a loss of 700 jobs for a drop of less than .1 percent from the 1980 average level of employment. During 1981, employment in Government averaged 1,763,200 jobs. Federal Government employment fell by 10,200 jobs for a decrease of 3.1 percent, averaging 323,600 jobs in 1981. Counterbalancing this was an increase of 9,400 jobs at the State and Local Government level, for an average level of employment of 1,439,500 jobs in 1981, and a growth rate of .7 percent over the 1980 level of employment.

The number of jobs in the Government sector is expected to decline during 1982 by 19,000 jobs while averaging 1,744,000 for the year. Efforts on the part of the current national administration to control growth in federal employment as well as budgetary limitations at the state and local levels should limit job growth over the near future. Job growth during 1983 is expected to be marginal with employment in the sector forecast to average 1,755,000 or only .6 percent over the 1982 annual average.

GOVERNMENT



HISTORICAL SERIES AND 1982-83 FORECASTS
EMPLOYMENT IN THOUSANDS OF JOBS

OCCUPATIONAL TRENDS AND OUTLOOK

OCCUPATIONAL OUTLOOK

OVERVIEW

Occupations in demand during 1981 and anticipated to be in demand for 1982 are reviewed in this section. An occupation is said to be in demand if there are not enough qualified workers available to fill existing job openings. Qualification for a job is based on an employer's requirements. These requirements may include a license, specific training, a certain length or type of experience, or a particular skill. Availability is often based on a job applicant's preference for certain job conditions. The desire to work only certain shifts or to work only in a comfortable environment are examples of restrictions applicants might place on their availability. The number of job openings is comprised of two components, new jobs and replacement jobs. New jobs depend on an increase in demand for goods and services, while replacement jobs are due to workers who retire, die, or transfer to other jobs. Thus, employers, applicants, and the economy all have their part in determining demand occupations.

The data in this section are based primarily on information found in the ED&R publication California Labor Supply and Demand and ED&R economic analysis information.

DEMAND OCCUPATIONS OF 1981

The following list includes occupations that were in demand during all four quarters of the year. However, the demand for any particular occupation often varied significantly between different areas of the State and between different time periods. Each of the demand occupations listed below are reviewed individually. The type of applicants being sought, and, in some cases, the type of applicants available are covered in the reviews.

LIST OF DEMAND OCCUPATIONS, 1981

	Drafter	001 through 017
	Electrical Engineer	003.061-010
	Electronics Engineer	003.061-030
Professional	Electronics Technician	003.161-014
	Mechanical Engineer	007.061-014
and	Programmer, Business	020.162-014
	Programmer, Engineering & Scientific	020.167-022
Kindred	Nurse, General Duty	075.374-010
	Nurse, Licensed Practical	079.374-014
	Accountant	160.167-010
	Legal Secretary	201.362-010
	Secretary	201.362-030
Clerical	Stenographer	202.362-014
	Clerk Typist	203.362-010
and	Data-Coder Operator	203.582-026
	Keypunch Operator	203.582-030
Sales	Magnetic-Tape-Typewriter Operator	203.582-034
	Bookkeeper, Full Charge	210.382-014
	Teller	211.362-018
	Computer Operator	213.362-010
	Cook	313.361-014
Services	Nurse Aide	355.674-014
	Guard, Security	372.667-034
	Machinist	600.280-022
	Auto Mechanic	620.261-010
	Diesel Mechanic	625.281-010
Industrial	Maintenance Mechanic	638.281-014
	Television and Radio Repairer	720.281-018
	Welder, Combination	819.384-010
	Electronics Mechanic	828.281-010

DRAFTER

Employers seek applicants with 2-5 years experience and a good understanding of the physical sciences. A working knowledge of mathematics and design ability also desirable. Experience in machine shop or mold design is required by some employers for mechanical drafters. Electronic drafters with printed circuit board experience are in short supply.

ELECTRICAL ENGINEER AND ELECTRONICS ENGINEER

There is a continued strong demand for well qualified engineers, with research and design experience preferred. Recent experience, especially in highly advanced electronic or related military fields and computer programming is also sought.

ELECTRONICS TECHNICIAN

There is a shortage of qualified applicants with experience in specialized areas such as microwave, video, sonar, digital analysis, and industrial control systems. An AA degree or equivalent military training are also plus factors.

MECHANICAL ENGINEER

Not enough experienced applicants are available to meet employer needs, particularly in specialized areas such as polyvinyl chloride (PVC), pipe design and many aerospace specialities.

PROGRAMMER, ENGINEERING & SCIENTIFIC AND PROGRAMMER, BUSINESS

Strong demand exists for both scientific and business programmers with a bachelor's or master's degree. Some employers will accept inexperienced applicants with a 4-year degree or AA degree and 3 years experience. Knowledge of COBOL, FORTRAN, RPG II or other languages is a definite advantage for applicants.

NURSE, GENERAL DUTY (RN) AND LICENSED PRACTICAL (LVN)

There is a continuous strong demand for California-licensed RN's to work in general and convalescent hospitals, especially for other than day shift. Greatest demand is for applicants experienced in specialized care units, such as coronary care, intensive care and obstetrics. LVN's are in most demand in convalescent hospitals, particularly for the swing and graveyard shifts. Some knowledge of pharmacology is usually required in order to administer medication.

ACCOUNTANT

Demand exists for applicants with cost accounting and specialized experience in a particular industry. Those with an accounting degree and experience or CPA's are in highest demand. Some employers require tax or auditing experience. Openings increase during the tax season. There is a surplus of inexperienced applicants with a B.S. in accounting.

LEGAL SECRETARY/SECRETARY/STENOGRAPHER

A steady demand for qualified, experienced applicants. Employers usually require ability to type 50-60 WPM and take dictation at 80-100 WPM. Special skills, such as knowledge of legal or medical terminology, bookkeeping or bilingual skills are sought by certain employers. There is an oversupply of applicants without the required typing and shorthand speed or experience.

CLERK TYPIST

A strong demand for applicants who type 50-60 WPM and experienced in a variety of office machines as well as clerical tasks. Light bookkeeping experience often desired. A surplus of applicants without the required typing skill and knowledge.

DATA-CODER OPERATOR/KEYPUNCH OPERATOR

Demand for operators who type 45 WPM or keypunch 10,000-12,000 strokes per hour. Experience on specific equipment required by some employers. Openings for evening or night shift hardest to fill. Surplus of inexperienced applicants. Some employers willing to train applicants able to type 50 or more WPM.

MAGNETIC-TAPE-TYPEWRITER OPERATOR

Moderate-to-strong demand for operators, also known as word processing machine or mag-card operators. Experienced operators able to type 55-75 WPM, with good grammer, spelling and punctuation skills sought. Demand in some areas for technical work processors with engineering, scientific or electronics backgrounds.

BOOKKEEPER, FULL CHARGE

There are shortages of experienced applicants, especially those familiar with financial statements and knowledge of data processing or experience in a particular industry. Many positions require some typing. Wages tend to be low for the skills required. There is a surplus of marginally qualified applicants.

TELLER, GENERAL

Demand occurs for workers with prior teller or cash handling experience. Many jobs are part-time, 20-30 hours per week, with fairly high turnover. Light typing skills and fluency in Spanish and English are sought by some employers. Some employers are willing to train those with high aptitudes. Although pay is low, teller is seen as an entry to other banking occupations.

COMPUTER OPERATOR

Employers need operators with one or two years experience, preferably on specific equipment. Low pay and shift work are common. There is a surplus of trained operators with little or no experience. Inexperienced applicants have difficulty landing their first job as firms often promote from within to fill openings.

COOK

Demand is greatest for well-qualified dinner and short-order cooks with stable work histories. Cooks specializing in ethnic types of food, such as Mexican or Japanese, often in short supply. Generally an oversupply of marginally skilled applicants. High turnover in fast-food restaurants.

NURSE AIDE/ORDERLY

Also known as nursing assistants, a shortage of qualified applicants is felt in nursing homes, rest homes and convalescent hospitals. Workers in long-term care facilities must be either state certified or enrolled in a precertification program. Demand is stronger for shift and weekend work. High turnover due to low wages and heavy workload.

GUARD

Demand exists due mainly to high turnover rate in part-time, intermittent and on-call positions. State law requires armed guards to be trained in powers of arrest and use of weapons. They must also be bondable and pass a security check. Employers prefer applicants with military or police experience. A phone and own transportation are usually required. Many applicants cannot pass the increasingly strict requirements of California law.

MACHINIST

There are shortages of machinists who can operate a variety of machines. All-round journey-level machinists with set-up experience are sought by job shops. Turnover is generally low, and while some employers hire applicants who have completed a state-approved apprenticeship program, there are few opportunities for the inexperienced.

AUTO MECHANIC

Most of the demand is for well-qualified, all-round journey-level mechanics with state smog, brake and lamp licenses. There is an increasing demand for applicants with experience in foreign cars, diesel engines and electronic components. Mechanics are usually required to have their own tools. There is a surplus of marginally skilled workers and applicants without hand tools.

DIESEL MECHANIC

Journey-level mechanics with generalized experience are in steady demand. Employers often want workers who are able to do a complete overhaul of both engine and transmission. Some employers will not accept applicants with only military experience. There is a shortage of well-qualified and surplus of marginally qualified.

MAINTENANCE MECHANIC

Highly qualified mechanics with a variety of skills such as welding, metal fabrication, electrical work and pipefitting are in short supply. There exists seasonal demand from food processing plants. Occasional workers with experience in hydraulic and pneumatic systems are in demand.

TELEVISION AND RADIO REPAIRER

Openings are available for well qualified applicants able to repair miniature and transistorized circuitry on color TV's, stereo's, video equipment and other household electronic appliances. There is a surplus of applicants lacking the required experience. Since most repair shops are small, employers are unable to provide training.

WELDER, COMBINATION

Demand mostly for certified combination welders. Employers want welders familiar with arc and heliarc equipment and able to work from blueprints and shop drawings. Some demand for those skilled in stainless steel and aluminum welding. Surplus of production welders.

ELECTRONICS MECHANIC

Employers need workers with an AA degree and 2 to 5 years experience for work on production lines and in customer service.

OCCUPATIONAL OUTLOOK FOR 1982

The current recession is expected to begin easing by the second half of 1982, resulting in an improvement in the job market. The economic recovery is likely to be more gradual than those associated with previous business cycles. Employment is seen as increasing slightly in the third quarter of 1982, then rising at an accelerated pace through 1983. Average employment in 1982 is expected to grow by only .2 percent over 1981, while the labor force is projected to expand by 2.2 percent.

Many of the occupations which experienced a shortage of qualified applicants in 1981 will continue to require workers in 1982. While a number of these occupations occur in industries that are relatively immune to changes in the economy, such as health and personal services, communications, utilities, insurance and financial services, others are linked with cyclical industries such as manufacturing and construction.

Engineers, analysts and technicians will continue to be in demand, particularly in the aerospace and electronics industries. The fast-growing small computer industry will experience a significant need for computer programmers and systems analysts, as many of the companies involved are based in California.

The long-term trend of a larger portion of personal income being spent on services will help maintain the demand for occupations such as cooks and security guards. High turnover, resulting from shift work, low wages and other job conditions will also contribute to a shortage of workers in some service occupations.

The need for workers in many types of office occupations, such as secretaries, typists, office machine operators, accountants and bookkeepers will continue to grow along with the ever-expanding communications, finance and service industries.

Increased health awareness and expanded health insurance coverage of the population ensures the continued need for nurses and nurse aides, as well as the many other occupations required to staff medical facilities.

The chronic shortage of skilled mechanics and technicians of all types is expected to continue, as many job applicants lack the desired training and experience. The increased use of electronic components in vehicles, appliances and other types of machines requires a higher level of skills and knowledge on the part of applicants than in the past.

PROJECTED JOB INCREASES, 1980 to 1985

OCCUPATIONAL CATEGORY	1980 EMPLOYMENT	1985 EMPLOYMENT	INCREASE 1980 to 1985	PERCENT INCREASE 1980 to 1985
TOTAL, OCCUPATIONS	11,070,200	12,486,800	1,416,600	12.8
PROFESSIONAL, TECHNICAL & KINDRED	2,038,300	2,244,500	206,200	10.1
MANAGERS, OFFICIALS & PROPRIETORS	1,199,800	1,375,500	175,700	14.6
SALES WORKERS	903,000	1,050,200	147,200	16.3
CLERICAL WORKERS	2,160,800	2,486,700	325,900	15.1
CRAFTS & KINDRED WORKERS	1,353,800	1,503,700	149,900	11.1
OPERATIVES	1,339,500	1,502,700	163,200	12.2
SERVICE WORKERS	1,395,400	1,604,800	209,400	15.0
LABORERS, EXCEPT FARM	389,600	426,500	36,900	9.5
FARMERS & FARM WORKERS	290,000	292,200	2,200	0.8

OCCUPATIONS WITH THE GREATEST NUMBER OF AVERAGE ANNUAL JOB OPPORTUNITIES STATE OF CALIFORNIA, 1980 - 1985

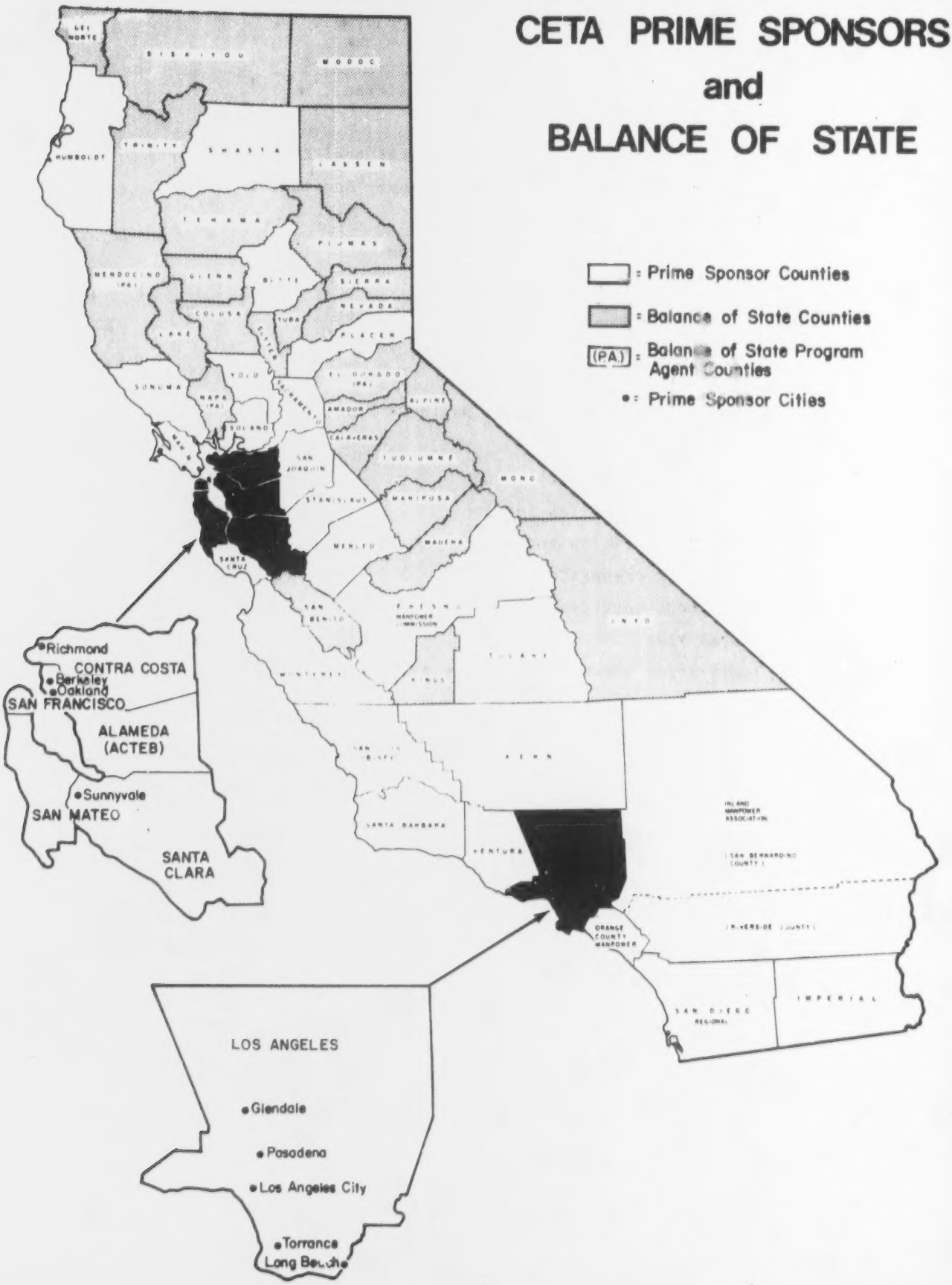
The occupations listed below are expected to have the greatest number of new job opportunities as a result of industrial change and replacement needs between 1980 and 1985.

Occupation	1980 Employment (thousands)	Average Annual Job Opportunities (thousands)	Job Opportunity Ratio[1]
Total, All Occupations	11,070.2	643.2	5.8
Sales Workers, n.e.c.	682.5	48.4	7.1
Other Managers, Administrators[2]	695.9	43.3	6.2
Secretaries, Other	470.6	37.8	8.0
Bookkeepers, Account Clerks	257.5	15.7	6.1
Miscellaneous Clerical Workers, n.e.c.	106.9	13.1	12.3
Janitors and Sextons	193.3	12.6	6.5
Cooks, Except Private	154.8	12.3	8.0
Waiters, Waitresses	189.1	12.0	6.4
Cashiers	152.8	11.9	7.8
Assemblers	169.3	10.8	6.4
Real Estate Agents, Brokers	91.5	10.8	11.8
Blue Collar Workers, Supvr., n.e.c.	210.2	10.6	5.0
Typists	166.2	9.5	5.7
Registered Nurse	142.9	9.4	6.6
Accountants	146.8	8.6	5.9
Farm Laborers, Wage Workers	220.1	8.5	3.9
Gardner, Groundskeeper, Exc. Farm	99.2	7.9	7.9
Guards	59.3	6.3	10.6
Sewers and Stitchers	74.2	6.3	8.5
Auto Mechanics	119.1	5.9	5.0
Managers, Superintendents, Bldg.	35.0	5.4	15.4
Truck Drivers	159.6	5.2	3.3
Bank, Financial Managers	72.8	5.1	7.1
Insurance Agents, Brokers, etc.	69.8	5.1	7.3

[1] Job opportunity ratio is the average annual job openings figure shown as a percent of the 1980 employment figure for the respective occupation. For example, a job opportunity ratio of 9.0 means that for every hundred jobs existing in 1980, nine job openings are expected each year. It can be used as one possible indicator to identify occupations for which a relatively high rate of activity is expected. Please Note: It is important that the user refer to the size of the 1980 employment figure when working with the job opportunity ratio because ratios for cells with small employment levels will fluctuate greatly even with very small employment changes. Other factors which should be considered in training program planning include the absolute number of job openings expected, and the existing supply of workers in that occupation.

[2] "Other Managers, Administrators" is a summary title that represents occupations requiring highly diverse skills, knowledge, and abilities. This category contains a large number of distinct occupations, few of which are particularly large on their own. These occupations cover a broad spectrum of industries and range from plant, office and store managers, and management trainees to contract administrators, administrative assistants, executive officers, and various agents.

CETA PRIME SPONSORS and BALANCE OF STATE



TARGET GROUPS IN NEED OF EMPLOYMENT ASSISTANCE

SOCIAL and ECONOMIC DATA GLOSSARY

Black, Not Hispanic:
A person having origins in any of the black racial groups of Africa, except those classified as Hispanic (see Hispanic).

Civilian Labor Force:
The sum of total civilian employment and unemployment.

Employment:
The number of people who work at all as paid employees, in their own business, profession, or farm, or who work 15 hours or more during a week as unpaid workers in an enterprise operated by a member of the family, and all those who are not working but who have jobs or businesses from which they are temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they are paid by their employers for the time off, and whether or not they are seeking other jobs.

Family Heads:
One person in each household is designated as the "head;" that is, the person who is regarded as the head by the members of the household. Because our data are based on 1970 census information, the husband of a two-parent household is counted as the head.

Hispanic:
A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

Offender:
A person under local supervision. For CETA, this category also includes ex-offenders, but we have been unable to obtain information on these people. Definitions of terms used in reference to offenders follow.

Adult:
A person 18 years of age or older at the time of committing a crime.

Discharged:
Legally released from parole.

Felon:
A person convicted of a crime punishable with death or by imprisonment in a state prison.

Juvenile:
A person under the age 18 at the time of committing a crime.

Parolee:
A person under supervision in the community after early release from an institution.

Probation:
A judicial requirement that a person fulfill certain conditions of behavior in lieu of a sentence to confinement but sometimes including a jail sentence.

Other (races), Not Hispanic:
A person not belonging to the White, Black, or Hispanic categories. This category includes Native American, Japanese, Pacific Islanders, Chinese, Filipino, Hawaiian, Korean, Southeast Asian, and Asian Indian.

Poverty Level:
Determined by the Social Security Administration's Poverty Index. The figure is updated annually to reflect increases in the Consumer Price Index.

Public Assistance Recipient:
A member of a family which receives cash welfare payments under federal, state, or local welfare programs. Definitions of terms used in reference to public assistance recipients follow.

Aid to Families with Dependent Children (AFDC):
Public assistance to households with children and for children in institutions.

Children in Foster Family Homes:
Foster home families that receive a cash grant from a government program to care for a designated child who is not related to them.

Children in Institutions:
Children supported in institutions, such as a hospital, by a government program.

Food Stamp Recipient:
A person receiving nonmonetary assistance in the form of coupons that can be exchanged for groceries.

General Home Relief:
Public Assistance to childless families and individuals.

Social Security Recipient:
A person receiving supplementary security income from the federal government due to retirement or disability.

School Enrollment:
Number of students attending grades kindergarten through the twelfth grade. Does not include enrollment in community or State colleges. Definitions of terms used in reference to school enrollment follow.

Continuation:
Programs designed to meet requirements for graduation from high school of persons not enrolled in the regular academic program.

Other Special Education:
Classes for the physically, mentally or educationally handicapped.

Private Schools:
Those educational institutions not supported by public funds. Many of these schools have religious affiliations.

Public Schools:
Schools supported by local taxes.

Vocational Education:
Training programs for specific occupations.

Unemployment:
The number of persons who do not work, who make specific efforts to find a job, and who are available for work (except for temporary illness). Also included as unemployed are those who are not at work at all, are available for work, and are waiting to be called back to a job from which they have been laid off; or are waiting to report to a new wage or salary job within 30 days.

Unemployment Rate:
Unemployment divided by civilian labor force, expressed as a percentage.

Veteran:
A person who has served but is not now serving in the armed forces of the United States.

Vietnam-Era Veteran:
A person who served between August 4, 1964 and May 8, 1975 but is not now serving in the armed forces of the United States.

White, Not Hispanic:
A person having origins in any of the original peoples of Europe, North Africa, or the Middle East, except those classified as Hispanic (see Hispanic).

ESTIMATED NUMBER OF MALE VETERANS IN CIVILIAN LIFE 1981

MALE VETERAN POPULATION BY AGE

AGE	Total Veterans
16-19	1,830
20-24	102,080
25-29	220,450
30-34	402,390
35-39	353,050
40-44	283,770
45-54	692,170
55-64	891,980
65+	400,280

Source: Employment Development Department Estimates

CIVILIAN NONINSTITUTIONAL VIETNAM ERA VETERANS

ESTIMATED 1981 POPULATION AND LABOR FORCE STATUS

AGE	POPULATION	LABOR FORCE	UNEMPLOYMENT	UNEMPLOYMENT RATE
25-29	197,590	184,290	17,730	9.6
30-34	397,360	384,450	21,610	5.6
35-39	259,990	252,610	11,590	4.6
40+	120,770	105,500	3,670	3.5

Source: Employment Development Department Estimates

SOCIAL SECURITY RECIPIENTS
BY AGE
1978 - 1980

CALIFORNIA

AGE	1978	1979	1980
Total.....	3,105,841	3,158,342	3,179,084
0-65.....	1,059,093	1,044,153	1,046,780
65-71.....	911,077	938,666	939,841
72 and over.....	1,135,671	1,175,523	1,192,463

Source: Social Security Administration.

ADULT SOCIAL SECURITY RECIPIENTS
BY SEX
1978 - 1980

CALIFORNIA

SEX	1978	1979	1980
Total.....	2,693,236	2,760,450	2,780,721
Male.....	1,104,140	1,130,432	1,139,548
Female.....	1,589,096	1,630,018	1,641,173

Source: Social Security Administration

PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM
SEPTEMBER 1980 - 1981
CALIFORNIA

Program	Number of Recipients*	
	1980	1981
Total Aid to Families with Dependent Children**.....	1,470,035	1,556,214
Children in Foster Family Homes.....	20,480	21,504
Children in Institutions..	5,936	6,101
Food Stamps.....	1,571,224	1,626,346
General Home Relief.....	29,325	33,723

* Figures are for number of persons rather than family units.
** Includes children in foster family homes and institutions.

Source: "Public Welfare in California", Department of Social Services.

AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC)
CHARACTERISTICS OF RECIPIENTS 16 YEARS OLD AND OVER
BY WIN PROGRAM STATUS

SEPTEMBER 1980 AND 1981

CALIFORNIA

	1980			1981		
		WIN			WIN	
	Total	Mandatory	Exempt	Total	Mandatory	Exempt
Total AFDC Recipients, 16 years of age and older	586,440	208,780	377,660	620,820	236,590	384,230
SEX						
Male	133,900	71,530	62,370	150,350	86,900	63,450
Female	452,540	137,250	315,290	470,470	149,690	320,780
AGE						
16-19	149,150	14,280	134,870	119,470	16,010	103,460
20-21	40,260	9,440	30,820	37,800	10,230	27,570
22-24	72,780	19,360	53,420	69,580	21,230	48,350
25-29	98,440	42,890	55,550	111,030	48,550	62,480
30-39	147,000	75,040	71,960	178,940	86,330	92,610
40-44	34,320	20,460	13,860	45,130	23,430	21,700
45-54	36,080	21,730	14,350	47,210	24,260	22,950
55-64	6,820	5,580	1,240	10,510	6,540	3,970
65+	1,590	0	1,590	1,130	0	1,130
ETHNICITY (SEE NOTE)						
Black, not Hispanic	167,350	58,210	(a)	166,590	64,520	(a)
Hispanic	158,930	53,440	(a)	170,750	60,280	(a)
White, not Hispanic	232,350	81,280	(a)	243,320	88,570	(a)
American Indian	4,620	1,930		4,900	1,860	
Asian, Pacific Islander or Filipino	23,190	13,920		35,260	21,360	

(a) Ethnicity data should be used cautiously, as satisfactory resolution of conceptual differences between the sources of the estimates is not feasible. Therefore deriving ethnicity figures for WIN exempt by subtracting mandatory WIN from total AFDC is not recommended.

Source: Total figure from Public Welfare in California, Department of Social Services. Proportions by sex, age and ethnicity are estimated.

HIGH SCHOOL ENROLLMENT
(EXCLUDING ADULTS)
FALL 1979 & 1980
CALIFORNIA

Enrollment	1979	1980
Total	1,464,597	1,435,987
Public Schools	1,357,396	1,318,713
Grades 9-12	1,277,014	1,251,490
Non-graded	80,382	67,223
Private Schools	107,201	117,274
Grades 9-12	104,470	112,674
Non-graded	2,731	4,600

Source: California State Department of Education

LIMITED AND NON-ENGLISH SPEAKING STUDENTS
IN PUBLIC SCHOOLS
SPRING 1980
CALIFORNIA

Enrollment	Number of Students
Total	325,748
Limited English Speaking	188,879
Non-English Speaking	136,869

Source: California State Department of Education

CALIFORNIA STATE HOSPITAL
INPATIENT POPULATION 1/

1979, 1980, and 1981

	Developmentally Disabled 2/			Mentally Disordered 3/		
	1979	1980	1981	1979	1980	1981
Total	8,944	8,650	8,218	5,127	5,352	5,594
Agnew-Santa Clara County	947	1,031	1,059	---	---	---
Atascadero-San Luis Obispo County	---	---	---	1,064	1,159	1,335
Camarillo-Ventura County	553	538	616	898	787	601
Fairview-Orange County	1,367	1,316	1,302	---	---	---
Lanterman-Los Angeles County 4/	1,459	1,383	1,295	---	---	---
Metropolitan-Los Angeles County	---	---	---	735	854	840
Napa-Napa County	392	383	378	1,396	1,371	1,285
Patton-San Bernardino County	292	274	45	929	1,098	1,272
Porterville-Tulare County	1,607	1,561	1,500	---	---	---
Sonoma-Sonoma County	1,724	1,528	1,421	---	---	---
Stockton-San Joaquin County	603	636	602	105	83	61

1/ Includes residents and those out on visits.
2/ One day count as of the last Wednesday of December.
3/ One day count as of December 31.
4/ Formerly Pacific, change effective January 1979.

Sources: Department of Developmental Services and Department of Mental Health.

CALIFORNIA
OFFENDERS

Data is not currently available to make reliable estimates of the number of offenders. However, the California Departments of Justice and Corrections have provided the following data on the number of persons in jail or on active probation or parole.

	1978	1979	1980
Total	240,115	241,097	245,194
Adults	180,051	177,551	180,270
County jails 1/	21,355	20,503	22,288
City jails 1/	1,181	1,276	1,294
County and City Camps	4,402	5,206	5,603
Active adult probation caseload 1/	153,113	150,566	151,085
Superior Court	61,371	59,207	61,648
Lower Court	91,742	91,359	89,437
Juveniles	60,064	63,546	64,924
Held in adult facilities 1/	142	192	196
Held in juvenile facilities 2/	6,028	6,296	6,818
Active juvenile probation caseload 2/	53,894	57,058	57,910

1/ One-day count as of last Thursday in September.

2/ One-day count as of December 31.

Source: California Department of Justice, Bureau of Criminal Statistics
California Department of Corrections.

The following tables contain data on the number of persons on parole in California. A specific breakdown by county of residence is not available. Instead, parolees are arrayed according to the location of their parole supervisors. In most cases, parolees live near their parole office, however, the Redding and Sacramento offices are responsible for large areas.

MALE FELON PAROLE POPULATION
CALIFORNIA ACTIVE PAROLEES

Location	On Parole 6-30-80	Discharged during 80-81	On Parole 6-30-81
State Total	9,130	6,589	9,175
Northern Region Total	1,071	822	1,082
Modesto	218	171	248
Redding	175	154	170
Sacramento	465	344	459
Stockton	213	153	205
Coastal Region Total	2,626	1,886	2,524
Alameda	709	490	682
Eureka	40	36	48
Salinas	182	135	185
San Francisco	660	449	593
San Jose	435	322	417
San Mateo	172	131	161
Santa Rosa	202	155	178
Walnut Creek	226	168	260
Central Region Total	856	626	801
Bakersfield	201	154	214
Fresno	328	239	324
Oxnard	121	90	96
San Luis Obispo	127	83	106
Santa Barbara	79	60	61
Southern Region Total	4,577	3,255	4,768
Long Beach	206	145	200
Los Angeles	1,791	1,277	1,879
Riverside	192	152	255
San Bernardino	469	341	489
San Diego	448	347	465
San Fernando Valley	691	476	714
San Gabriel Valley	221	188	266
Santa Ana	559	329	500

Source: California Department of Corrections

FEMALE FELON PAROLE POPULATION
CALIFORNIA ACTIVE PAROLEES

Location	On Parole 6-30-80	Discharged during 80-81	On Parole 6-30-81
State Total	594	470	630
Northern Region Total	57	55	40
Modesto	15	15	9
Redding	5	2	6
Sacramento	22	21	22
Stockton	15	17	3
Coastal Region Total	162	129	171
Alameda	51	39	55
Eureka	-	-	1
Salinas	12	8	13
San Francisco	40	24	49
San Jose	21	21	17
San Mateo	13	12	16
Santa Rosa	9	8	3
Walnut Creek	16	17	17
Central Region Total	47	39	46
Bakersfield	18	17	9
Fresno	18	13	24
Oxnard	6	4	7
San Luis Obispo	1	1	2
Santa Barbara	4	4	4
Southern Region Total	328	247	373
Long Beach	17	12	18
Los Angeles	115	95	116
Riverside	16	10	24
San Bernardino	37	30	33
San Diego	34	25	32
San Fernando Valley	36	28	58
San Gabriel Valley	11	13	21
Santa Ana	62	34	71

Source: California Department of Corrections

FELONS NEWLY RECEIVED FROM SUPERIOR COURT
BY SEX
1978 - 1980
CALIFORNIA

SEX	1978	1979	1980
Total.....	9,325	9,874	11,347
Male.....	8,753	9,203	10,657
Female.....	572	671	690

FELONS PAROLED TO CALIFORNIA SUPERVISION
BY SEX
1978 - 1980
CALIFORNIA

SEX	1978	1979	1980
Total.....	8,642	9,316	11,118
Male.....	8,239	8,818	10,462
Female.....	403	498	656

Source: California Department of Corrections

LABOR MARKET INFORMATION PRODUCTS, 1982

LABOR MARKET INFORMATION GROUPS
EMPLOYMENT DATA & RESEARCH
EMPLOYMENT DEVELOPMENT DEPARTMENT

LABOR MARKET INFORMATION PRODUCTS, 1982

The Employment Data and Research Division (ED&R) of the Employment Development Department is responsible for a variety of labor market information products. The products are described below. The matrix on the following pages shows which products are prepared for each area within the State. The reports are available upon request from the appropriate Labor Market Information Groups as shown on the preceding page. The statewide reports are available through the Employment Development Department, ED&R, Labor Market Information Section, 800 Capitol Mall, Sacramento, CA, 95814.

1. The Annual Planning Information Report is published annually for the State, all SMSA's, CETA Prime Sponsors, and counties. It provides data required for manpower planning purposes and is used by CETA Prime Sponsors. Featured in the report are labor force data on employment and unemployment trends, occupational supply and demand data, population characteristics, and national, state, and local economic trends.

2. Labor Supply and Demand Information is published annually for the State, SMSA's, counties, and CETA Prime Sponsors. It provides a narrative analysis of supply and demand for selected occupations for the upcoming year.

3. The Industry and Occupational Employment Projections Report, is published every five years for California, SMSA's, and counties or groups of counties. The report shows the expected change in the number of jobs in an area both by industry and by occupation.

4. The Monthly Labor Market Bulletin is published for California as a whole and the CETA Prime Sponsor counties. It provides a brief narrative and statistical summary of current and anticipated labor market trends including the current unemployment rates.

5. For the SMSA's, the Labor Market Bulletin is issued on a quarterly basis. There is a monthly data sheet issued which contains a statistical summary of the current labor market situation.

LABOR MARKET INFORMATION REPORTS

AREA	Annual Planning Information	Labor Supply/Demand	Ind./Occ. Employment Projections	Labor Market Bulletin
California	X	X	X	X
Anaheim-Santa Ana-Garden Grove (Orange)*	X	X		**
Bakersfield* (Kern)	X	X	X	**
Fresno* (Fresno)	X	X	X	**
Los Angeles-Long Beach (Los Angeles)	X	X	X	**
Glendale	X			
Long Beach	X			
Los Angeles	X			
Pasadena	X			
Torrance	X			
Los Angeles (Balance of County)	X			
Modesto* (Stanislaus)	X	X	X	**
Oxnard-Simi Valley-Ventura (Ventura)	X	X	X	**
Riverside-San Bernardino-Ontario* (San Bernardino) (Riverside)	X	X	X	**
Sacramento SMSA	X	X	X	**
Sacramento	X			

*Counties coterminous with Prime Sponsor Areas.
**Quarterly Bulletin, monthly data sheet.

LABOR MARKET INFORMATION REPORTS

AREA	Annual Planning Information	Labor Supply/Demand	Ind./Occ. Employment Projections	Labor Market Bulletin
Yolo	X			
Placer	X			
Salinas-Seaside-Monterey (Monterey)	X	X	X	**
San Diego (San Diego)	X	X		**
San Francisco-Oakland SMSA	X	X	X	**
Alameda County Training & Employment	X			
Oakland	X			
Berkeley	X			
Alameda County		X		
Contra Costa County		X		
Richmond	X			
Balance of Contra Costa County	X			
Marin County*	X	X		
San Francisco Co.*	X	X		
San Mateo County*	X	X		
San Jose SMSA (Santa Clara)	X	X	X	**
Santa Clara Valley Employment & Training Board	X			
Sunnyvale	X			

*Counties coterminous with Prime Sponsor Areas.
**Quarterly Bulletin, monthly data sheet.

LABOR MARKET INFORMATION REPORTS

AREA	Annual Planning Information	Labor Supply/Demand	Ind./Occ. Employment Projections	Labor Market Bulletin
Santa Cruz* (Santa Cruz)	X	X	X	**
Santa Rosa* (Sonoma)	X	X	X	**
Santa Barbara-* Santa Maria-Lompoc (Santa Barbara)	X	X	X	**
Stockton SMSA* (San Joaquin)	X	X	X	**
Vallejo-Fairfield-Napa SMSA (Napa & Solano)	X	X	X	**
Napa County	X			
Solano County	X			
PRIME SPONSOR COUNTIES:				
Butte	X	X		
Humboldt	X	X	X	
Imperial	X	X	X	
Merced	X	X	X	
San Luis Obispo	X	X	X	
Shasta	X	X		
Tulare	X	X	X	
BALANCE OF STATE COUNTIES:				
Alpine				
Amador	X			
Calaveras	X			

*Counties coterminous with Prime Sponsor Areas.
**Quarterly Bulletin, monthly data sheet.

LABOR MARKET INFORMATION REPORTS

AREA	Annual Planning Information	Labor Supply/Demand	Ind./Occ. Employment Projections	Labor Market Bulletin
Colusa	X			
Del Norte	X		X	
El Dorado	X			
Glenn	X			
Inyo	X			
Kings	X		X	
Lake	X			
Lassen	X			
Madera	X			
Mariposa	X			
Mendocino	X			
Modoc	X			
Mono	X			
Nevada	X			
Plumas	X			
San Benito	X			
Sierra	X			
Siskiyou	X			
Sutter	X			
Tehama	X			
Trinity	X			
Tuolumne	X			
Yuba	(Combined with Sutter)			

TECHNICAL APPENDIX

TECHNICAL APPENDIX

The Current Unemployment Estimating Procedure

Currently, monthly labor statistics (estimates of labor force, civilian employment, unemployment and unemployment rate) for the State of California and the Los Angeles-Long Beach Standard Metropolitan Statistical Area (SMSA) are derived and published by the Bureau of Labor Statistics (BLS) from data developed through the national Current Population Survey (CPS).

The CPS is a monthly nationwide sample of about 55,000 households. Occupants of selected households are interviewed during the week including the 12th day of the month. On the basis of their replies, the national labor statistics are generated monthly. About 5,600 households of the national survey are interviewed in California every month. In the Los Angeles-Long Beach SMSA, the number is about 1,700. The remainder are distributed throughout the other areas of the State, basically in proportion to population share. The State and Los Angeles are the only areas for which statistics are produced in this manner since these are the only areas for which the sample size is large enough to generate monthly data of statistical quality sufficient to meet the BLS standards of reliability.

Unemployment estimates for all other SMSA's, counties and areas for which monthly data are produced are based upon the "43 Step Handbook" method and are adjusted for additivity to the difference between the State total and the total for the Los Angeles-Long Beach SMSA. Employment estimates for these areas are produced through a monthly survey of employers and are revised or "benchmarked" annually to the Unemployment Insurance (UI) payroll tax records and administrative records. Estimates are adjusted for additivity in the same manner as unemployment.

The "Handbook" Method

The "Handbook" methodology is a procedure developed by the Bureau of Labor Statistics of the Department of Labor. It basically uses the data provided by administrative statistics from the Unemployment Insurance program and estimates of noncovered segments to estimate unemployment and draws from an employer survey to estimate the number of employed. These figures are adjusted for additivity to the State CPS total and used to produce the unemployment rate for the various Labor Market Areas.

Disaggregation Methodology

Labor statistics for individual counties of multi-county SMSA's are prepared using the BLS "population-based employment disaggregation" method in conjunction with the "claims-based unemployment disaggregation" method. The procedure uses annual total population estimates to disaggregate multi-county labor market employment data to the county level. Claims data by county of residence and 1970 census population data are used to allocate multi-county labor market unemployment data to the county level. The "census share" method is used to allocate employment and unemployment below the county level in both multi-county labor market areas and in single county labor market areas. The "census share" method uses the proportions of employment and unemployment that existed among the cities and other sub-areas within a county, in the 1970 census, applied to current county estimates to estimate the sub-county levels of employment and unemployment.

STATISTICAL APPENDIX

1980 CENSUS DATA FOR AFFIRMATIVE ACTION
POPULATION BY RACE AND SPANISH ORIGIN (A)
BY COUNTY
APRIL 1980

COUNTY	TOTAL POPULATION	WHITE		BLACK		AMERICAN INDIAN, ASIAN AND PACIFIC ISLANDER (B)		SPANISH ORIGIN (C)		OTHER RACES	
		NUMBER	PCT OF TOTAL	NUMBER	PCT OF TOTAL	NUMBER	PCT OF TOTAL	NUMBER	PCT OF TOTAL	NUMBER	PCT OF TOTAL
ALAMEDA	1105379	675338	61.1	200950	18.2	87202	7.9	129962	11.8	11927	1.1
ALPINE	1097	901	82.1	3	0.3	148	13.5	42	3.8	3	0.3
AMADOR	19314	17820	92.3	151	0.8	366	1.9	917	4.7	60	0.3
BUTTE	143851	130522	90.7	1686	1.2	3183	2.2	7542	5.2	918	0.6
CALAVERAS	20710	19271	93.1	72	0.3	350	1.7	911	4.4	106	0.5
COLUSA	12791	9650	75.4	69	0.5	402	3.1	2493	19.5	177	1.4
CONTRA COSTA	656380	503978	76.8	59498	9.1	32143	4.9	55820	8.5	4941	0.8
DEL NORTE	18217	15729	86.3	52	0.3	1337	7.3	1018	5.6	81	0.4
EL DORADO	85812	79692	92.9	289	0.3	1563	1.8	3971	4.6	297	0.3
FRESNO	514621	316895	61.6	24557	4.8	17729	3.4	150790	29.3	4650	0.9
GLENN	21350	18149	85.0	54	0.3	458	2.1	2532	11.9	157	0.7
HUMBOLDT	108514	97233	89.6	530	0.5	6392	5.9	3736	3.4	623	0.6
IMPERIAL	92110	35411	38.4	2188	2.4	2553	2.8	51384	55.8	574	0.6
INYO	17895	15194	84.9	22	0.1	1558	8.7	1084	6.1	37	0.2
KERN	403089	281132	69.7	20779	5.2	11819	2.9	87026	21.6	2333	0.6
KINGS	73738	47211	64.0	3504	4.8	2597	3.5	19827	26.9	599	0.8
LAKE	36366	33071	90.9	348	1.0	920	2.5	1882	5.2	145	0.4
LASSEN	21661	18700	86.3	751	3.5	662	3.1	1417	6.5	131	0.6
LOS ANGELES	7477503	3953603	52.9	926360	12.4	452232	6.0	2066103	27.6	79205	1.1
MADERA	63116	42136	66.8	2072	3.3	1536	2.4	16916	26.8	456	0.7
MARIN	222568	199675	89.7	5375	2.4	5876	2.6	9204	4.1	2438	1.1
MARIPOSA	11108	10099	90.9	70	0.6	380	3.4	504	4.5	55	0.5
MENDOCINO	66738	59740	89.5	334	0.5	2682	4.0	3688	5.5	294	0.4
MERCED	134560	89006	66.1	6618	4.9	3516	2.6	34054	25.3	1366	1.0
MODOC	8610	7854	91.2	14	0.2	360	4.2	356	4.1	26	0.3
MONO	8577	7761	90.5	16	0.2	368	4.3	405	4.7	27	0.3
MONTEREY	290444	173456	59.7	18425	6.3	20218	7.0	75129	25.9	3216	1.1
NAPA	99199	86373	87.1	866	0.9	2597	2.6	8636	8.7	727	0.7
NEVADA	51645	49235	95.3	72	0.1	682	1.3	1532	3.0	124	0.2
ORANGE	1932709	1510698	78.2	24411	1.3	94023	4.9	286339	14.8	17238	0.9
PLACER	117247	105478	90.0	386	0.3	2665	2.3	8211	7.0	507	0.4
PLUMAS	17340	16001	92.3	163	0.9	493	2.8	636	3.7	47	0.3
RIVERSIDE	663166	490144	73.9	30088	4.5	14086	2.1	124417	18.8	4431	0.7
SACRAMENTO	783381	599830	76.6	57883	7.4	44705	5.7	74141	9.5	6822	0.9
SAN BENITO	25005	12794	51.2	59	0.2	564	2.3	11430	45.7	158	0.6

1980 CENSUS DATA FOR AFFIRMATIVE ACTION
POPULATION BY RACE AND SPANISH ORIGIN (A)
BY COUNTY
APRIL 1980

COUNTY	TOTAL POPULATION	WHITE		BLACK		AMERICAN INDIAN, ASIAN AND PACIFIC ISLANDER (B)		SPANISH ORIGIN (C)		OTHER RACES	
		NUMBER	PCT OF TOTAL	NUMBER	PCT OF TOTAL	NUMBER	PCT OF TOTAL	NUMBER	PCT OF TOTAL	NUMBER	PCT OF TOTAL
SAN BERNARDINO	895016	653303	73.0	46615	5.2	21801	2.4	165863	18.5	7434	0.8
SAN DIEGO	1861846	1374649	73.8	102165	5.5	92856	5.0	275177	14.8	16999	0.9
SAN FRANCISCO	678974	355161	52.3	84857	12.5	145461	21.4	83373	12.3	10122	1.5
SAN JOAQUIN	347342	237233	68.3	18444	5.3	20909	6.0	66565	19.2	4191	1.2
SAN LUIS OBISPO	155435	132809	85.4	2649	1.7	4260	2.7	14792	9.5	925	0.6
SAN MATEO	587329	415984	70.8	34730	5.9	54597	9.3	73339	12.5	8679	1.5
SANTA BARBARA	298694	223397	74.8	7554	2.5	9509	3.2	55356	18.5	2878	1.0
SANTA CLARA	1295071	913154	70.5	42237	3.3	101022	7.8	226611	17.5	12047	0.9
SANTA CRUZ	188141	151715	80.6	1396	0.7	5832	3.1	27648	14.7	1550	0.8
SHASTA	115715	108292	93.6	717	0.6	2908	2.5	3455	3.0	343	0.3
SIERRA	3073	2821	91.8	3	0.1	45	1.5	196	6.4	8	0.3
SISKIYOU	39732	35542	89.5	596	1.5	1582	4.0	1891	4.8	121	0.3
SOLANO	235203	163371	69.5	27372	11.6	16795	7.1	24773	10.5	2892	1.2
SONOMA	299681	266205	88.8	3370	1.1	7295	2.4	20824	6.9	1987	0.7
STANISLAUS	265900	213165	80.2	3035	1.1	6639	2.5	39889	15.0	3172	1.2
SUTTER	52246	40969	78.4	552	1.1	4031	7.7	6098	11.7	596	1.1
TEHAMA	38888	35875	92.3	58	0.1	714	1.8	2127	5.5	114	0.3
TRINITY	11858	11002	92.8	13	0.1	475	4.0	319	2.7	49	0.4
TULARE	245738	159996	65.1	3448	1.4	6844	2.8	73298	29.8	2152	0.9
TUOLUMNE	33928	30945	91.2	373	1.1	712	2.1	1781	5.2	117	0.3
VENTURA	529174	383064	72.4	10832	2.0	18711	3.5	113192	21.4	3375	0.6
YOLO	113374	85194	75.1	1886	1.7	5383	4.7	19342	17.1	1569	1.4
YUBA	49733	40366	81.2	2193	4.4	2323	4.7	4367	8.8	484	1.0
CALIFORNIA	23667902	15763992	66.6	1783810	7.5	1349069	5.7	4544331	19.2	226700	1.0

NOTES: (A) 1980 CENSUS RACE/ETHNICITY TOTALS ARE NOT COMPARABLE TO 1970 CENSUS TOTALS.

(B) INCLUDES AMERICAN INDIAN, ESKIMO, ALEUT, JAPANESE, CHINESE, FILIPINO, KOREAN, ASIAN INDIAN, VIETNAMESE, HAWAIIAN, GUAMANIAN, AND SAMOAN.

(C) PERSONS OF SPANISH ORIGIN HAVE BEEN DEDUCTED FROM EACH RACE CATEGORY AND ARE SHOWN SEPERATELY AS "SPANISH". FOR A COMPLETE DISTRIBUTION OF PERSONS BY RACE REGARDLESS OF ORIGIN AND A DISTRIBUTION BY RACE OF PERSONS OF SPANISH ORIGIN, SEE TABLES C AND D, RESPECTIVELY.

SOURCE: DEPARTMENT OF FINANCE, STATE CENSUS DATA CENTER.

1980 CENSUS DATA FOR AFFIRMATIVE ACTION
POPULATION BY SEX
BY COUNTY
APRIL 1980

COUNTY	TOTAL POPULATION	MALE NUMBER	MALE PCT OF TOTAL	FEMALE NUMBER	FEMALE PCT OF TOTAL
ALAMEDA	1105379	537261	48.6	568118	51.4
ALPINE	1097	590	53.8	507	46.2
AMADOR	19314	9847	51.0	9467	49.0
BUTTE	143851	70163	48.8	73688	51.2
CALAVERAS	20710	10359	50.0	10351	50.0
COLUSA	12791	6403	50.1	6388	49.9
CONTRA COSTA	656380	320098	48.8	336282	51.2
DEL NORTE	18217	9183	50.4	9034	49.6
EL DORADO	85812	43114	50.2	42698	49.8
FRESNO	514621	253201	49.2	261420	50.8
GLENN	21350	10698	50.1	10652	49.9
HUMBOLDT	108514	54326	50.1	54188	49.9
IMPERIAL	92110	45587	49.5	46523	50.5
INYO	17895	8890	49.7	9005	50.3
KERN	403089	200831	49.8	202258	50.2
KINGS	73738	37320	50.6	36418	49.4
LAKE	36366	17773	48.9	18593	51.1
LASSEN	21661	11620	53.6	10041	46.4
LOS ANGELES	7477503	3648361	48.8	3829142	51.2
MADERA	63116	31719	50.3	31397	49.7
MARIN	222568	109260	49.1	113308	50.9
MARIPOSA	11108	5666	51.0	5442	49.0
MENDOCINO	66738	33134	49.6	33604	50.4
MERCED	134560	67539	50.2	67021	49.8
MODOC	8610	4257	49.4	4353	50.6
MONO	8577	4682	54.6	3895	45.4
MONTEREY	290444	148769	51.2	141675	48.8
NAPA	99199	48730	49.1	50469	50.9
NEVADA	51645	25350	49.1	26295	50.9
ORANGE	1932709	953605	49.3	979104	50.7
PLACER	117247	57881	49.4	59366	50.7
PLUMAS	17340	8778	50.6	8562	49.4
RIVERSIDE	663166	323236	48.7	339930	51.3
SACRAMENTO	783381	381997	48.8	401384	51.2
SAN BENITO	25005	12476	49.9	12529	50.1
SAN BERNARDINO	895016	443410	49.5	451606	50.5
SAN DIEGO	1861846	947546	50.9	914300	49.1
SAN FRANCISCO	678974	337867	49.8	341107	50.2
SAN JOAQUIN	347342	171800	49.5	175542	50.5
SAN LUIS OBISPO	155435	79213	51.0	76222	49.0

1980 CENSUS DATA FOR AFFIRMATIVE ACTION
POPULATION BY SEX
BY COUNTY
APRIL 1980

COUNTY	TOTAL POPULATION	MALE NUMBER	MALE PCT OF TOTAL	FEMALE NUMBER	FEMALE PCT OF TOTAL
SAN MATEO	587329	285831	48.7	301498	51.3
SANTA BARBARA	298694	147075	49.2	151619	50.8
SANTA CLARA	1295071	641443	49.5	653628	50.5
SANTA CRUZ	188141	92081	48.9	96060	51.1
SHASTA	115715	56852	49.1	58863	50.9
SIERRA	3073	1575	51.3	1498	48.7
SISKIYOU	39732	19922	50.1	19810	49.9
SOLANO	235203	119224	50.7	115979	49.3
SONOMA	299681	145097	48.4	154584	51.6
STANISLAUS	265900	129768	48.8	136132	51.2
SUTTER	52246	25925	49.6	26321	50.4
TEHAMA	38888	19254	49.5	19634	50.5
TRINITY	11858	6059	51.1	5799	48.9
TULARE	245738	121586	49.5	124152	50.5
TUOLUMNE	33928	17243	50.8	16685	49.2
VENTURA	529174	263370	49.8	265804	50.2
YOLO	113374	56537	49.9	56837	50.1
YUBA	49733	25103	50.5	24630	49.5
CALIFORNIA	23667902	11666485	49.3	12001417	50.7

SOURCE: DEPARTMENT OF FINANCE, STATE CENSUS DATA CENTER.

UNITED STATES LABOR MARKET STATISTICS -- NOT SEASONALLY ADJUSTED
(NUMBERS IN THOUSANDS -- RATES IN PERCENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN AVG
LABOR FORCE													
1970	80719	81283	81589	81966	81759	84087	84857	84191	82641	83288	83478	83301	82771.1
1971	82818	82885	82865	83111	83344	85253	86296	85983	84456	84974	85373	85555	84382.8
1972	85960	85130	85528	85759	86028	88540	89127	88894	87242	87741	87548	87573	87035.0
1973	86328	87303	87961	88127	88238	91124	91655	90889	89782	90547	90689	90520	89430.3
1974	89924	90273	90485	90306	90830	93481	94238	93446	92449	92910	92638	92568	91959.7
1975	92250	91972	92464	92659	92888	95174	96353	95325	94023	94510	94041	93996	93775.4
1976	93938	94075	94407	94782	94925	97493	98605	98133	96429	96999	97116	97004	96158.8
1977	96197	96833	97277	97382	97755	100743	100960	100743	99367	100144	100522	100214	99009.3
1978	99664	99641	100166	101609	101911	104611	104914	103945	102748	103475	103585	103565	102251.2
1979	102933	103185	103607	103178	103476	106269	107035	106489	105521	106084	105871	106040	104964.1
1980	105345	105412	105516	105902	106233	108511	109260	108404	106989	107673	107532	107809	106939.8
1981	106685	107015	107635	107906	108586	109904	110762	110099	108273	109244	109178	108575	108670.2
EMPLOYMENT													
1970	77313	77489	77957	78403	78374	79416	80343	79965	78341	79019	78860	78651	78678.0
1971	77389	77427	77679	78004	78029	79717	80942	80897	79569	80375	80527	80527	79366.5
1972	79459	79734	80578	81127	81646	83073	83911	83973	82537	83223	83231	83404	82153.0
1973	81593	82405	83357	83908	84383	86217	87042	86616	85552	86717	86562	86390	85064.9
1974	84843	85061	85659	85994	86611	88022	88897	88479	87162	87779	86863	86169	86794.9
1975	83928	83573	84018	84251	85178	86317	87742	87726	86399	87160	86720	86689	85847.2
1976	85652	85932	86769	87786	88546	91727	91908	90696	89261	90041	89892	89850	88753.2
1977	88217	88691	89597	90658	91478	93154	93879	93846	92788	93779	94027	94183	92017.2
1978	92616	92755	93549	94783	95486	97530	97917	97855	96790	97851	97738	97669	96048.8
1979	96203	96536	97282	97473	98657	99803	100814	100174	99533	100120	99907	100013	98826.3
1980	98111	98235	98327	95569	98736	99823	100668	100202	99334	99999	99850	99579	99302.8
1981	98139	98401	99154	100393	100855	101411	102612	102152	100389	101028	100502	99362	100397.3
UNEMPLOYMENT													
1970	3406	3794	3732	3858	3385	4671	4514	4226	4300	4269	4618	4650	4093.1
1971	5429	5453	5186	4712	4815	5537	5354	5086	4887	4599	4846	4728	5016.3
1972	5461	5446	5230	4732	4382	5467	5216	4961	4705	4518	4317	4169	4882.0
1973	4735	4898	4604	4219	3855	4907	4613	4273	4230	3830	4127	4130	4365.3
1974	5081	5212	4826	4312	4219	5459	5341	4967	5287	5131	5775	6199	5155.8
1975	8322	8399	8446	7928	7710	8957	8311	7759	7624	7350	7341	7307	7928.3
1976	8286	8143	7638	6996	6415	7772	7697	7443	7145	6958	7224	7154	7405.6
1977	7980	8237	7680	6992	6268	7589	7081	6857	6577	6365	6495	6031	6992.2
1978	7048	6886	6621	5529	5605	6481	6597	6035	5958	5624	5797	5896	6202.4
1979	6662	6649	6325	5727	5419	6409	6288	6315	5978	5964	5964	6027	6137.8
1980	7234	7177	6953	7023	7501	8481	8603	8202	7639	7674	7632	7430	7637.1
1981	8746	8614	8271	7581	7731	8493	8150	7947	7884	8216	8676	9013	8272.3
RATE (%)													
1970	4.2	4.7	4.6	4.8	4.1	5.6	5.3	5.0	5.2	5.1	5.5	5.6	4.9
1971	6.6	6.6	6.3	5.7	5.7	6.5	6.2	5.9	5.8	5.4	5.7	5.5	5.9
1972	6.5	6.4	6.1	5.5	5.1	6.2	5.9	5.6	5.4	5.1	4.9	4.8	5.6
1973	5.5	5.6	5.2	4.8	4.4	5.4	5.0	4.7	4.7	4.2	4.6	4.6	4.9
1974	5.7	5.8	5.3	4.8	4.6	5.8	5.7	5.3	5.7	5.5	6.2	6.7	5.6
1975	9.0	9.1	9.1	8.6	8.3	9.4	8.7	8.2	8.1	7.8	7.8	7.8	8.5
1976	8.8	8.7	8.1	7.4	6.8	8.0	7.8	7.6	7.4	7.2	7.4	7.4	7.7
1977	8.3	8.5	7.9	6.9	6.4	7.5	7.0	6.8	6.6	6.4	6.5	6.0	7.1
1978	7.1	6.9	6.6	5.5	5.5	6.2	6.3	5.8	5.8	5.4	5.6	5.7	6.1
1979	6.4	6.4	6.1	5.5	5.2	6.0	5.9	5.9	5.7	5.6	5.6	5.7	5.8
1980	6.9	6.8	6.6	6.7	7.1	7.8	7.9	7.6	7.2	7.1	7.1	6.9	7.1
1981	8.2	8.2	7.7	7.0	7.1	7.7	7.3	7.2	7.3	7.5	7.9	8.3	7.6

source: Current Population Survey

UNITED STATES LABOR MARKET STATISTICS -- SEASONALLY ADJUSTED
(NUMBERS IN THOUSANDS -- RATES IN PERCENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN AVG
LABOR FORCE													
1970	80719	81283	81689	81960	81740	84050	84800	84115	82546	83175	83347	83152	82714.2
1971	82652	82702	82666	82898	83105	84966	86012	85680	84135	84635	85018	84983	84152.2
1972	84553	84778	85411	85323	85569	88034	88615	88362	86694	87177	86968	86995	86561.9
1973	85719	86682	87326	87473	87558	90413	90937	90129	89007	89757	89585	89702	88714.8
1974	89095	89433	89633	89494	89929	92546	93273	92459	91447	91893	91609	91327	91011.5
1975	91149	90913	91394	91369	91767	94015	94861	94310	92794	93258	92787	92731	92613.2
1976	92666	92797	93112	93474	93583	96115	97186	96690	94974	95531	95638	95517	94773.6
1977	94704	95340	95771	95826	96195	99135	99314	99073	97684	98451	98819	98503	97401.1
1978	97950	97924	98443	98366	99309	102178	102639	102047	100838	101555	101659	101632	100420.8
1979	100867	101249	101665	101256	101473	104153	104995	104363	103373	103939	103719	103864	102909.7
1980	103188	103257	103351	103412	104028	106067	106797	106126	134720	105415	105287	104778	104718.8
1981	104671	104808	105405	105678	106347	107621	108408	107771	105964	106926	106864	106259	106392.8
EMPLOYMENT													
1970	77313	77489	77957	78438	78357	79382	80291	79895	78254	78916	78740	78515	78626.4
1971	77238	77260	77492	78204	78710	79477	80682	80619	79295	80065	80203	80188	79119.9
1972	79156	79366	80195	80626	81225	82628	83443	83506	82035	82707	82702	82882	81701.8
1973	81043	81837	82814	83299	83759	85566	86367	85920	84342	85994	85828	85644	84405.4
1974	84087	84293	84877	85193	85785	87166	88614	87575	86244	86849	85924	85220	85935.6
1975	82970	82604	83036	83549	84145	85446	86651	86613	85273	86024	85556	85536	84783.6
1976	84492	84763	85587	86584	87279	88460	89609	89358	87948	88698	88543	88494	87485.4
1977	86856	87231	88215	89258	90042	91682	92372	92315	91247	92230	92473	92623	90545.3
1978	91553	91185	91964	93180	93851	95852	96232	96116	95041	96095	96029	95906	94372.8
1979	94436	94765	95501	95675	96220	97917	97891	98226	97576	98158	97943	98047	96946.3
1980	96145	96264	96546	96566	96709	97776	98587	98115	97256	97933	97801	97545	97270.3
1981	96128	96383	97318	98282	98503	99341	100474	100913	98277	98902	98395	97442	98313.0
UNEMPLOYMENT													
1970	3406	3794	3732	3552	3383	4668	4509	4220	4292	4259	4607	4637	4088.3
1971	5414	5442	5174	4694	4395	5489	5330	5061	4840	4570	4815	4795	4993.3
1972	5447	5412	5216	4697	4344	5426	5173	4856	4659	4470	4266	4116	4840.2
1973	4676	4845	4512	4174	3799	4847	4550	4209	4165	3763	4057	4058	4309.4
1974	5008	5140	4756	4301	4144	5380	5259	4884	5203	5044	5685	6107	5075.9
1975	8179	8309	8358	7823	7622	8569	8210	7697	7521	7244	7231	7195	7829.6
1976	8174	8034	7525	6890	6304	7655	7577	7322	7026	6833	7095	7023	7258.2
1977	7848	8109	7556	6568	6151	7453	6941	6757	6437	6221	6346	5879	6855.6
1978	6897	6739	6479	5685	5457	6326	6438	5931	5797	5460	5629	5725	6046.9
1979	6431	6484	6165	5561	5253	6235	6104	6137	5798	5781	5776	5836	5963.4
1980	7043	6993	7805	6846	7318	8291	8419	8011	7464	7482	7485	7233	7448.5
1981	8543	8425	8087	7396	7545	8279	7914	7758	7687	8024	8470	8697	8079.6
RATE (%)													
1970	4.2	4.7	4.6	4.3	4.1	5.6	5.3	5.0	5.2	5.1	5.5	5.6	4.9
1971	6.6	6.6	6.3	5.7	5.3	6.5	6.2	5.9	5.8	5.4	5.7	5.9	5.9
1972	6.4	6.4	6.1	5.5	5.1	6.2	5.8	5.5	5.4	5.1	4.9	4.7	5.6
1973	5.5	5.6	5.2	4.8	4.3	5.4	5.0	4.7	4.7	4.2	4.5	4.5	4.9
1974	5.6	5.7	5.3	4.8	4.6	5.8	5.6	5.3	5.7	5.5	6.2	6.7	5.6
1975	9.0	9.1	9.1	8.6	8.3	9.1	8.7	8.2	8.1	7.8	7.8	7.8	8.3
1976	7.8	8.7	8.1	7.4	6.7	8.3	7.8	7.6	7.5	7.2	7.4	7.4	7.7
1977	8.3	8.3	7.9	6.9	6.4	7.5	7.0	6.8	6.6	6.3	6.4	6.0	7.0
1978	7.5	6.9	6.6	5.8	5.5	6.2	6.3	5.8	5.7	5.4	5.5	5.6	6.0
1979	6.4	6.4	6.1	5.5	5.2	6.0	5.8	5.9	5.6	5.6	5.6	5.6	5.8
1980	6.8	6.8	7.5	6.6	7.0	7.8	7.9	7.5	7.1	7.1	7.1	6.9	7.2
1981	8.2	8.0	7.7	7.0	7.1	7.7	7.3	7.2	7.3	7.5	7.9	8.3	7.6

source: Current Population Survey

CALIFORNIA LABOR MARKET STATISTICS -- NOT SEASONALLY ADJUSTED
(NUMBERS IN THOUSANDS -- RATES IN PERCENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN AVG
LABOR FORCE													
1970	8058	8087	8055	8132	8359	8212	8390	8300	8128	8192	8236	8152	8167.5
1971	8216	8256	8282	8363	8416	8384	8692	8676	8395	8378	8361	8411	8402.5
1972	8443	8434	8530	8547	8528	8787	8869	8825	8637	8766	8747	8770	8656.9
1973	8673	8713	8667	8640	8665	8837	9058	9085	9092	9185	9169	9153	8911.4
1974	9082	9152	9193	9100	9201	9358	9565	9507	9414	9422	9401	9408	9316.9
1975	9437	9388	9426	9498	9455	9574	9690	9592	9542	9601	9576	9674	9537.8
1976	9764	9741	9749	9683	9690	9821	10073	9996	9923	9962	10110	10115	9884.3
1977	10120	10165	10168	10180	10262	10365	10491	10596	10406	10469	10585	10582	10365.8
1978	10561	10681	10833	10856	10885	10925	11055	11047	10990	10998	10982	11084	10909.0
1979	11113	11139	11062	10996	11056	11211	11420	11475	11356	11429	11421	11537	11267.9
1980	11428	11404	11471	11464	11454	11554	11747	11833	11603	11642	11706	11613	11581.6
1981	11713	11675	11693	11734	11786	11703	11877	11927	11707	11873	11892	11884	11780.5
EMPLOYMENT													
1970	7570	7522	7534	7660	7567	7608	7753	7726	7494	7571	7530	7452	7582.3
1971	7383	7395	7556	7608	7733	7716	7875	7903	7687	7694	7673	7754	7665.4
1972	7734	7729	7827	7899	7898	8077	8197	8182	8052	8111	8104	8186	7999.7
1973	7985	7985	8006	7997	8097	8238	8447	8403	8525	8632	8590	8570	8289.9
1974	8356	8437	8554	8447	8643	8682	8809	8865	8727	8762	8678	8602	8638.1
1975	8459	8411	8451	8562	8557	8597	8690	8697	8630	8736	8657	8727	8597.8
1976	8709	8794	8849	8949	8981	9063	9105	9095	9045	9058	9105	9210	8988.6
1977	9125	9242	9282	9309	9449	9487	9593	9759	9612	9703	9744	9850	9512.9
1978	9726	9803	9955	10073	10123	10140	10168	10277	10288	10344	10318	10397	10134.3
1979	10311	10355	10322	10320	10437	10551	10708	10747	10662	10772	10770	10842	10566.4
1980	10678	10638	10743	10662	10686	10717	10912	11018	10823	10868	10875	10881	10791.8
1981	10783	10738	10822	10894	10968	10914	10994	11106	10890	10962	10965	10863	10908.3
UNEMPLOYMENT													
1970	488	565	522	472	493	603	646	574	635	621	706	700	585.4
1971	834	862	729	755	683	669	817	773	708	685	687	657	737.4
1972	709	705	703	648	631	710	672	643	585	655	642	585	657.3
1973	689	728	661	643	568	599	611	682	564	554	579	583	621.8
1974	686	715	639	652	558	676	755	642	687	661	723	805	678.6
1975	979	977	975	936	898	978	1000	896	912	865	919	947	940.2
1976	1056	946	899	839	710	858	969	900	878	904	1005	905	905.8
1977	994	924	886	871	812	878	898	837	794	766	841	732	852.8
1978	835	878	868	783	763	785	897	769	701	654	664	696	774.4
1979	802	784	740	676	619	660	712	728	693	657	651	695	701.4
1980	749	767	728	801	768	837	836	876	781	774	830	732	789.9
1981	931	937	871	842	718	789	883	821	816	911	926	1021	872.2
RATE (%)													
1970	6.1	7.0	6.5	5.8	6.1	7.3	7.7	6.9	7.8	7.6	8.6	8.6	7.2
1971	10.2	10.4	8.8	9.0	8.1	8.0	9.4	8.9	8.4	8.2	8.2	7.7	8.8
1972	8.4	8.4	8.2	7.6	7.4	8.1	7.6	7.3	6.8	7.5	7.3	6.7	7.6
1973	7.9	8.4	7.6	7.4	6.6	6.8	6.7	7.5	6.2	6.0	6.3	6.4	7.0
1974	7.6	7.8	7.0	6.6	6.0	7.2	7.9	6.8	7.3	7.0	7.7	8.6	7.3
1975	10.4	10.4	10.3	9.9	9.5	10.2	10.3	9.3	9.6	9.0	9.6	9.8	9.9
1976	10.8	9.7	9.2	8.7	7.3	8.6	9.6	9.0	8.8	9.1	9.9	8.9	9.2
1977	9.8	9.1	8.7	8.6	7.9	8.5	8.6	7.9	7.6	7.3	7.9	6.9	8.2
1978	7.9	8.2	8.0	7.2	7.0	7.2	8.1	7.0	6.4	5.9	6.0	6.3	7.1
1979	7.2	7.0	6.7	6.1	5.6	5.9	6.2	6.3	6.1	5.7	5.7	6.0	6.2
1980	6.6	6.7	6.3	7.0	6.7	7.2	7.1	7.4	6.7	6.6	7.1	6.3	6.8
1981	7.9	8.0	7.4	7.2	6.1	6.7	7.4	6.9	7.0	7.7	7.8	8.6	7.4

source: Current Population Survey

CALIFORNIA LABOR MARKET STATISTICS -- SEASONALLY ADJUSTED
(NUMBERS IN THOUSANDS -- RATES IN PERCENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN AVG
LABOR FORCE													
1970	8126	8162	8102	8202	8148	8135	8169	8134	8180	8217	8241	8208	8167.3
1971	8207	8233	8228	8440	8505	8215	8465	8515	8441	8401	8366	8461	8402.6
1972	8565	8485	8570	8631	8619	8724	8750	8674	8674	8781	8752	8810	8656.8
1973	8829	8762	8710	8736	8751	8778	8851	8953	9023	9191	9156	9180	8913.0
1974	9193	9166	9238	9272	9279	9306	9372	9390	9441	9421	9419	9418	9316.9
1975	9466	9426	9464	9483	9520	9531	9514	9489	9563	9598	9605	9673	9538.8
1976	9685	9676	9781	9797	9744	9808	9912	9862	9948	9963	10148	10099	9894.6
1977	10135	10234	10193	10205	10213	10344	10341	10487	10434	10471	10622	10556	10365.4
1978	10573	10722	10669	10782	10941	10922	10926	10919	11025	11000	11027	11047	10907.8
1979	11139	11163	11088	11084	11119	11223	11280	11334	11395	11428	11429	11501	11267.0
1980	11439	11436	11502	11543	11527	11563	11619	11702	11652	11636	11697	11576	11531.0
1981	11725	11730	11709	11815	11765	11740	11745	11770	11756	11861	11871	11851	11779.9
EMPLOYMENT													
1970	7601	7665	7611	7713	7602	7557	7565	7563	7504	7540	7522	7465	7581.8
1971	7505	7553	7629	7673	7767	7669	7692	7725	7692	7557	7660	7774	7664.7
1972	7858	7856	7901	7972	7930	8033	8024	8013	8048	8064	8088	8192	7999.1
1973	8109	8120	8080	8081	8123	8195	8239	8245	8517	8574	8576	8572	8290.1
1974	8519	8561	8627	8589	8664	8640	8569	8722	8712	8698	8668	8597	8638.7
1975	8580	8522	8518	8657	8559	8559	8569	8556	8616	8672	8653	8715	8598.8
1976	8824	8896	8910	8941	8973	9061	8997	8974	9035	8999	9106	9186	8989.3
1977	9232	9340	9335	9397	9441	9464	9492	9645	9604	9640	9743	9814	9512.3
1978	9822	9903	10019	10158	10120	10131	10071	10155	10285	10292	10304	10342	10133.5
1979	10454	10465	10376	10404	10440	10557	10612	10614	10658	10718	10740	10797	10565.4
1980	10767	10760	10804	10743	10694	10733	10816	10871	10822	10811	10832	10840	10791.1
1981	10872	10868	10887	10974	10978	10935	10896	10950	10889	10902	10915	10828	10907.8
UNEMPLOYMENT													
1970	433	477	491	489	546	578	604	588	676	677	719	743	585.5
1971	782	773	699	770	738	646	773	790	749	744	704	687	737.9
1972	650	616	672	659	689	691	626	664	626	717	664	618	657.7
1973	620	642	630	655	628	583	542	708	606	617	604	608	621.9
1974	604	635	609	613	615	666	703	670	729	723	751	821	678.3
1975	889	904	946	921	961	972	945	933	952	926	952	958	939.9
1976	861	880	871	856	773	857	915	918	914	963	1042	913	905.3
1977	903	894	858	808	772	880	849	842	830	823	879	742	852.5
1978	751	819	650	734	821	791	855	764	740	708	703	705	774.3
1979	725	720	712	680	679	666	674	720	737	710	689	704	701.5
1980	672	696	698	800	833	850	803	871	830	825	865	736	789.9
1981	853	862	842	837	787	805	852	820	869	959	956	1023	872.1
RATE (%)													
1970	5.4	5.9	6.1	6.0	6.7	7.1	7.4	7.2	8.3	8.2	8.7	9.1	7.2
1971	9.4	9.3	8.4	9.1	8.7	7.8	9.1	9.3	8.9	8.9	8.4	8.1	8.8
1972	7.6	7.3	7.8	7.6	8.0	7.9	7.2	7.7	7.2	8.2	7.6	7.0	7.6
1973	7.1	7.2	7.2	7.5	7.2	6.6	6.3	7.9	6.3	6.7	6.6	6.5	7.0
1974	6.6	6.9	6.6	6.7	6.6	7.2	7.5	7.1	7.7	7.7	8.0	8.7	7.3
1975	9.4	9.6	10.0	9.9	10.1	10.2	9.9	9.7	9.9	9.6	9.9	9.9	9.9
1976	9.8	9.0	8.9	8.7	7.9	8.7	9.2	9.3	9.2	9.7	10.3	9.0	9.1
1977	8.9	8.5	8.4	8.0	8.5	8.5	8.2	8.5	8.0	7.9	8.3	7.0	8.2
1978	7.1	7.6	7.7	7.2	7.5	7.2	7.8	7.0	6.7	6.9	6.4	6.4	7.1
1979	6.5	6.4	6.4	6.3	6.1	6.0	6.0	6.4	6.5	6.2	6.0	6.1	6.2
1980	5.9	6.1	6.1	6.9	7.2	7.3	6.9	7.4	7.1	7.1	7.4	6.4	6.8
1981	7.3	7.3	7.2	7.1	6.7	6.9	7.3	7.0	7.4	8.1	8.1	8.6	7.4

source: Current Population Survey

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA ANNUAL AVERAGE 1972-1981(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
TOTAL NONAG EMPLOYMENT		7209.9	7621.9	7834.3	7847.2	8154.2	8589.7	9199.8	9664.6	9852.4	10039.7
MINING	10-14	29.2	32.5	32.7	33.0	34.7	35.6	37.1	38.3	43.5	48.0
METAL MINING	10	1.6	2.0	2.4	2.0	2.1	2.2	2.0	2.3	2.2	2.4
FUEL MINING	12-13	19.7	22.5	22.7	24.2	25.3	26.1	27.4	29.4	33.4	38.2
NONMETAL MINING	14	7.8	8.1	7.7	7.6	7.5	7.2	7.5	7.6	7.9	7.4
CONSTRUCTION (B)	15-17	320.7	344.8	334.8	303.3	317.6	366.2	417.5	463.3	444.8	432.9
GENERAL BLDG CONTRACTORS	15	92.5	98.7	91.3	80.0	85.2	100.6	116.4	127.1	116.9	111.1
HEAVY CONSTRUCTION	16	66.1	68.2	73.2	73.4	69.5	73.3	82.3	80.8	90.9	90.9
SPECIAL TRADE CONTRACTORS	17	163.2	177.9	169.4	150.0	162.9	192.1	218.8	255.4	237.3	230.8
MANUFACTURING	20-39	1536.0	1653.5	1694.1	1586.9	1650.9	1728.3	1875.2	2002.7	2007.8	2018.8
NONDURABLE GOODS	20-23,26-31	503.6	550.1	562.1	544.4	569.0	591.9	603.6	643.0	637.9	644.2
DURABLE GOODS	24-25,32-39	1032.5	1103.4	1132.0	1042.5	1081.9	1136.4	1271.4	1359.7	1369.9	1374.6
FOOD & KINDRED	20	167.7	170.1	175.8	172.8	173.1	178.8	182.3	186.4	186.6	183.0
CANED, CURED, FROZ FISH	2091-2	7.5	7.6	8.7	7.6	8.9	9.5	10.1	10.1	10.4	10.5
MEAT PRODUCTS	201	19.4	19.8	21.8	21.0	20.6	20.1	20.2	20.1	20.2	18.8
DAIRY PRODUCTS	202	15.0	14.5	14.5	13.5	12.3	13.1	12.7	13.5	13.9	14.7
PRSRVD FRUITS & VEGTBLS	203	51.2	51.9	55.1	55.1	55.1	55.6	56.0	58.3	56.9	52.7
GRAIN MILL PRODUCTS	204	7.8	7.9	7.8	7.6	7.7	8.2	8.5	8.5	8.5	8.4
BAKERY PRODUCTS	205	19.2	19.3	18.4	17.9	18.3	18.5	18.8	18.8	19.0	18.3
BEVERAGES	208	18.5	18.2	19.7	20.3	20.9	21.4	23.6	23.3	24.8	25.8
OTHER FOOD	20 OTHER	29.2	30.2	30.2	29.8	30.8	30.3	32.7	33.5	32.9	34.1
TEXTILE MILL PRODUCTS	22	13.2	15.4	15.1	13.9	14.8	14.8	15.8	16.0	14.4	14.0
KNITTING MILLS	225	3.5	4.1	3.9	3.6	3.3	3.1	3.0	2.9	2.7	2.5
FLOOR COVERING MILLS	227	4.9	5.5	5.5	4.8	5.4	5.6	6.1	6.3	5.4	5.1
OTHR TEXTILE MILL PRODS	22 OTHER	4.8	5.8	5.8	5.5	6.1	6.1	6.7	6.8	6.3	6.4
APPAREL & OTHER TEXTILE	23	84.7	88.8	91.5	91.6	99.8	101.5	109.6	110.6	106.5	109.0
MEN'S AND BOYS'	232	13.0	13.0	13.7	13.6	14.6	13.8	14.1	14.5	13.4	13.2
WOMEN'S & MISSES'	233	44.1	49.6	51.2	52.7	58.2	60.4	67.4	66.7	63.6	65.0
WOMEN'S & CHILDS UNDGMTS	234	4.2	4.1	4.6	3.9	4.3	4.0	3.9	4.2	4.4	4.8
CHILDREN'S OUTWEAR	236	1.7	1.8	1.7	1.8	1.8	1.6	1.4	1.4	1.6	1.7
OTR APPAREL & TEXTILE	23 OTHER	19.7	20.3	20.7	19.5	21.2	21.5	22.8	23.8	23.6	24.4
PAPER & ALLIED PRODUCTS	26	36.2	36.2	36.9	34.9	36.8	37.4	37.7	39.1	38.9	38.8
MISC CONVERTED PAPER	264	12.5	12.6	13.2	12.7	13.2	13.5	13.9	14.8	14.9	14.9
PAPERBOARD CONTAINERS	265	14.9	15.3	15.1	14.2	15.5	16.1	16.5	17.4	17.3	16.9
PULP,PAPER & PAPERBOARD	26 OTHER	8.7	8.4	8.6	8.0	8.1	7.9	7.3	7.0	6.7	7.0
PRINTING & PUBLISHING	27	91.3	96.2	97.6	94.6	98.0	103.3	112.4	118.9	123.2	124.7
NEWSPAPERS	271	34.8	36.7	38.0	33.9	35.2	36.3	39.6	41.5	42.5	43.7
COMMERCIAL PRINTING	275	32.9	34.9	35.8	35.4	37.8	40.1	43.9	47.4	49.3	48.3
OTHER PRINTING & PUB	27 OTHER	23.6	24.6	23.8	25.1	25.1	26.3	28.8	29.9	31.2	32.8

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CHEMICALS & ALLIED	28	52.4	55.2	57.0	55.5	57.8	61.0	62.9	64.4	65.2	67.0
INDUSTRIAL INORGANIC	281	5.1	5.2	5.6	5.8	6.2	6.6	7.1	7.1	7.3	7.5
PLASTICS MATERIAL & SYN	282	3.2	3.4	3.3	3.0	3.3	3.8	3.7	4.2	3.6	3.9
DRUGS	283	10.5	11.5	12.7	11.8	12.5	13.7	14.3	15.7	16.9	18.2
SOAP, CLEANERS, TOILET	284	11.4	12.1	12.4	11.8	12.2	13.3	13.5	13.4	13.9	14.2
PAINT & ALLIED PRODUCTS	285	7.2	7.7	7.5	7.1	7.6	7.8	7.9	8.3	7.4	7.6
AGRICULTURE CHEMICALS	287	5.5	5.8	5.1	5.3	6.3	5.4	5.1	5.2	5.6	5.3
OTHR CHEMICALS & ALLIED	28 OTHER	9.1	9.6	9.3	9.6	9.7	10.3	10.8	10.9	10.7	10.5
PETROLEUM & COAL PRODUCTS	29	25.7	25.5	25.6	25.4	25.3	25.5	27.0	27.5	27.7	29.5
PETROLEUM REFINING	291	22.5	22.6	22.7	22.7	22.3	22.6	23.8	24.2	24.1	25.1
OTHER PETROLEUM & COAL	29 OTHER	3.1	2.9	2.9	2.8	2.9	2.9	3.2	3.3	3.6	3.4
RUBBER & MISC PLASTIC	30	48.5	53.6	51.9	47.0	51.4	59.0	63.8	68.0	64.7	65.4
TIRES AND INNER TUBES	301	7.7	7.9	8.2	6.4	4.9	6.7	5.3	4.8	2.6	2.7
RUBBER FOOT & FAB RUB	302,6	7.6	8.6	9.6	8.9	9.6	10.3	10.4	10.6	10.0	10.3
MISC PLASTICS PRODUCTS	307	32.0	35.9	35.3	30.8	36.1	41.1	47.2	51.5	51.8	52.6
OTHER RUBBER & PLASTICS	30 OTHER	1.1	1.2	0.9	0.9	0.8	1.0	0.9	1.1	1.2	1.1
LEATHER AND LEATHER PRODS	31	7.1	8.1	8.6	8.9	10.2	10.8	12.4	12.3	10.9	12.0
LUMBER & WD PROD EXC FURN	24	64.3	66.7	60.2	53.4	60.1	66.4	69.5	68.7	61.1	56.1
LOGGING CAMP & SAW MILL	241-2	25.6	25.1	24.5	22.9	25.6	26.2	26.5	27.2	24.2	21.6
MILLWORK & PLYWOOD	243	14.7	15.4	13.3	11.6	13.5	15.5	17.2	18.0	16.3	15.1
WOODEN CONTAINERS	244	5.0	5.5	5.5	4.3	4.7	4.8	4.4	4.7	4.6	4.0
OTHR LUMBER & WOOD PROD	24 OTHER	19.7	20.7	16.8	14.5	16.3	19.9	21.4	18.7	16.0	16.1
FURNITURE & FIXTURES	25	40.8	46.0	44.7	39.7	44.3	49.3	55.0	56.9	54.0	55.4
HOUSEHOLD FURNITURE	251	28.4	32.0	30.3	27.2	30.5	32.9	35.9	37.0	33.8	34.1
PARTITIONS AND FIXTURES	254	4.9	5.5	5.4	4.7	4.9	5.7	6.2	6.8	6.9	6.9
OTHER FURNITURE AND FIX	25 OTHER	7.0	8.5	8.9	7.9	8.9	10.7	12.9	13.1	13.3	14.4
STONE, CLAY & GLASS PROD	32	53.2	55.0	54.6	50.0	51.6	53.7	57.2	60.0	57.4	56.4
GLASS & GLASS PRODUCTS	321-3	14.2	15.9	14.7	14.5	15.5	15.9	17.5	18.0	17.7	17.8
CEMENT, HYDRAULIC	324	3.7	3.7	3.4	3.1	3.1	3.2	3.6	3.6	3.7	3.5
STRUCTURAL CLAY PRODUCTS	325	4.3	4.2	4.2	3.6	3.7	3.9	3.9	3.8	3.3	3.3
POTTERY AND RELATED	326	5.5	6.1	6.0	6.3	6.8	6.6	6.5	6.4	6.1	5.9
CONCRETE & PLASTER PRODS	327	16.1	15.6	14.8	12.8	12.7	14.1	15.8	17.3	16.5	16.0
OTHR STONE,CLAY & GLASS	32 OTHER	9.7	10.5	10.8	9.8	9.7	10.1	10.8	10.9	10.2	10.1
PRIMARY METAL INDUSTRIES	33	53.2	57.9	59.8	54.1	52.8	54.3	57.3	60.5	57.3	55.5
BLAST FURNACE & STEEL	331	20.9	23.5	23.9	22.2	20.9	20.6	20.3	21.2	17.7	16.4
IRON & STEEL FOUNDRIES	332	7.1	7.7	8.6	8.0	7.5	7.9	8.1	9.1	8.8	8.8
NONFEROUS ROLING & DRAW	335	14.3	15.1	14.8	13.1	12.7	13.6	14.7	15.5	15.8	15.1
NONFEROUS FOUNDRIES	336	7.1	8.7	8.8	7.4	8.2	8.6	9.5	10.4	10.4	10.4
OTHER PRIMARY METALS	33 OTHER	3.2	3.4	3.8	3.5	3.5	3.7	4.1	4.4	4.7	4.8

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FABRICATED METAL PRODUCTS	34	124.9	135.6	137.3	127.2	132.3	138.4	151.0	161.9	159.0	157.6
CANS AND SHIPPING CONT	341	12.1	12.1	12.1	11.6	11.5	11.0	10.9	11.0	10.5	9.8
CUTLERY, HANDTOOL, HDWR	342	15.8	17.5	16.7	14.4	15.9	16.8	17.6	18.5	16.7	15.7
PLUMBING & HEATING	343	6.3	6.7	6.5	5.4	6.1	7.1	7.5	8.2	7.6	7.5
STRUCTURAL METAL PRODS	344	39.7	42.7	43.3	42.0	43.2	44.7	48.1	52.4	50.8	50.2
SCREW MACHINE PRODUCTS	345	8.7	9.7	10.6	9.2	8.8	9.3	11.3	13.6	15.5	15.1
METAL FORGING AND STAMP	346	11.0	12.1	12.5	11.4	12.1	13.0	14.6	14.6	14.3	14.2
METAL SERVICES, NEC	347	12.3	14.7	15.2	13.3	13.2	16.0	18.3	20.2	19.9	19.6
OTHER FABRICATED METAL	34 OTHER	18.6	20.3	20.5	19.5	19.9	20.6	21.7	23.3	23.8	23.3
MACHINERY EXC ELECTRICAL	35	140.3	162.8	180.4	168.4	169.8	177.6	202.8	226.8	236.0	234.2
FARM & GARDEN MACHINERY	352	2.9	3.6	3.3	3.3	4.1	4.4	5.0	5.4	5.5	5.6
CONSTRUCTION & RELATED	353	13.8	15.9	17.6	16.0	17.7	18.0	19.6	21.4	21.7	23.7
METALWORKING MACHINERY	354	14.3	17.6	18.3	16.2	16.4	16.7	18.7	20.6	20.0	19.0
SPECIAL INDUSTRY MACH	355	8.9	9.9	11.0	10.4	10.4	10.3	11.1	12.2	13.1	13.3
GENERAL INDUSTRY MACH	356	15.3	16.5	18.1	17.7	17.7	17.8	19.2	20.6	21.6	20.8
OFFICE & COMPUTING MACH	357	52.1	61.4	69.7	63.5	62.3	67.0	80.1	92.2	97.9	96.5
REFRIGERATION & SERVICE	358	5.0	5.6	5.4	4.9	5.4	6.3	7.2	7.6	7.7	7.7
OTHR MACHINERY EXC ELEC	35 OTHER	27.3	32.3	36.6	35.1	35.8	37.2	42.0	44.3	48.4	47.5
ELECTRICAL EQUIP & SUP	36	202.3	229.6	242.1	224.0	237.7	251.8	284.6	316.8	334.8	343.5
ELECTRI DISTRIBUTION EQ	361	7.6	8.8	9.7	8.9	8.5	8.6	8.7	9.2	9.6	9.3
INDUSTRIAL APPARATUS	362	9.8	9.9	10.9	10.5	11.4	12.1	13.7	14.2	14.8	14.4
HOUSEHOLD APPLIANCES	363	7.2	7.2	6.2	4.3	5.1	5.5	5.6	5.7	5.6	5.6
LIGHTING & WIRING EQUIP	364	16.2	18.5	18.0	15.5	16.2	17.7	20.5	23.5	23.3	22.9
RADIO & TV RECEIVING EQ	365	15.0	15.5	15.8	14.9	16.1	16.6	17.8	18.0	17.6	17.9
COMMUNICATION EQUIPMENT	366	91.8	99.3	97.6	98.7	93.5	102.1	113.2	123.5	131.2	138.6
ELECTRONIC COMP & ACCESS	367	50.0	63.9	73.5	65.7	74.3	82.3	97.3	114.6	124.2	125.3
MISC ELEC EQUIP & SUP	369	4.9	5.4	5.5	5.3	6.1	6.9	7.8	8.0	8.5	9.5
TRANSPORTATION EQUIPMENT	37	248.5	254.6	252.6	231.0	229.5	234.7	250.7	274.0	270.8	271.9
MOTOR VEHICLES & EQUIP	371	33.2	33.0	39.3	30.5	35.6	44.5	49.6	49.6	34.6	35.9
AIRCRAFT AND PARTS	372	139.4	135.6	134.9	121.5	108.5	109.4	117.5	140.4	151.0	148.2
SHIP & BOAT BLDG & REP	373	14.9	16.5	19.7	19.9	21.2	21.2	22.3	23.1	23.0	22.9
GUIDED MISS, SPACE VEH	376	50.7	47.6	49.7	50.0	45.6	45.4	46.7	50.9	55.3	59.0
OTHER TRANSPORT & EQUIP	37 OTHER	7.4	10.9	8.9	9.0	12.7	14.2	14.6	10.1	6.9	5.9
INSTRUMENTS & RELATED	38	52.2	60.6	65.7	61.9	67.5	71.6	80.4	92.2	99.9	103.2
MEASURING & CONTROLLING	382	25.1	30.5	32.7	28.2	32.5	33.5	37.4	41.9	46.0	48.7
OTHER INSTR & RELATED	38 OTHER	27.1	30.0	33.1	31.7	34.9	38.1	43.0	50.2	54.0	54.5
MISC MANUFACT INDUSTRIES	39	33.1	34.7	34.5	32.8	36.4	38.4	43.1	42.1	39.6	40.9
TOYS AND SPORTING GOODS	394	13.5	14.2	13.9	13.3	14.8	15.1	16.2	15.8	16.1	17.1
OTHR MISC MANUFACTURING	39 OTHER	19.6	20.5	20.6	19.5	21.5	23.2	27.0	26.3	23.5	23.8

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TRANSPORTATION & PUB UTLTY	40-49	454.1	467.9	470.7	458.1	463.9	476.5	506.4	534.7	546.3	553.0
TRANSPORTATION	40-47	292.5	301.9	305.2	295.3	301.7	310.3	329.0	341.8	344.6	340.0
RAILROADS	40	40.2	38.8	37.9	34.4	32.9	31.8	32.0	32.4	31.3	30.6
TRUCKING AND WAREHOUSING	42	91.9	97.3	98.7	93.8	98.5	104.8	113.7	119.5	117.6	117.2
OTHER TRANSPORTATION	OTHER	160.5	165.8	168.6	167.2	170.4	173.8	183.3	189.9	195.7	192.4
COMMUNICATIONS	48	138.2	139.1	139.9	139.0	139.5	142.4	149.9	163.1	171.3	181.5
ELECTRIC GAS & SANITARY	49	63.4	65.9	65.7	63.8	62.7	63.8	67.6	69.8	70.4	71.5
WHOLESALE & RETAIL TRADE	50-59	1608.6	1703.2	1751.9	1736.3	1875.6	1982.4	2126.0	2223.8	2266.8	2316.5
WHOLESALE TRADE	50-51	409.6	441.3	460.6	455.9	485.3	507.5	534.3	564.1	583.7	601.4
RETAIL TRADE	52-59	1199.0	1261.9	1291.4	1320.4	1390.2	1474.9	1591.7	1659.7	1683.2	1715.2
GENERAL MERCHANDISE	53	206.6	212.2	214.0	208.8	215.1	224.7	235.2	239.4	240.2	241.4
FOOD STORES	54	169.1	174.2	188.3	196.7	201.5	210.8	223.7	233.7	242.8	250.9
OTHER RETAIL TRADE	OTHER	823.3	875.4	889.1	915.0	973.6	1039.3	1132.7	1186.7	1200.1	1222.9
FINANCE INS & REAL ESTATE	60-67	409.3	431.6	444.8	446.4	468.7	505.4	553.2	595.9	623.1	646.3
FINANCE	60-62	189.6	199.6	206.7	209.1	220.6	235.8	258.4	281.1	300.5	318.3
INS CARRIER, AGTS BROKER	63-64	132.2	137.7	140.2	139.6	145.4	155.3	166.1	174.2	180.1	185.4
REAL ESTATE	65	79.7	85.5	88.1	87.8	92.6	104.1	117.8	127.5	129.0	128.1
COMB HOLDING & OTHR INVST	66-67	7.8	8.8	9.8	10.0	10.1	10.2	10.9	13.2	13.5	14.5
SERVICES	70-89	1359.4	1466.5	1520.1	1561.7	1647.3	1764.7	1931.3	2070.0	2156.2	2261.2
HOTELS AND OTHER LODGING	70	82.1	87.6	87.1	89.5	93.7	99.5	106.5	109.9	113.1	122.6
PERSONAL SERVICES	72	91.6	92.3	90.3	88.3	90.1	93.5	98.0	100.6	99.9	101.8
BUSINESS SERVICES	73	232.5	254.4	268.0	275.8	290.5	333.3	382.8	434.5	467.3	488.7
AUTO AND MISC REPAIR	75-76	77.9	86.2	89.0	89.3	97.3	107.8	124.2	133.6	134.4	135.4
MOTION PICTURES	78	51.6	55.3	55.6	57.0	60.8	65.8	65.8	75.0	68.3	81.9
AMUSEMENT & RECREATION	79	62.0	68.1	70.2	72.9	76.9	80.7	87.5	91.5	94.1	97.0
HEALTH SERVICES	80	354.7	385.8	409.6	428.8	446.3	471.2	502.7	527.3	553.7	583.0
OTHER SERVICES	81-89	407.0	436.7	450.4	459.5	492.7	513.0	562.7	597.5	625.3	650.9
GOVERNMENT (C)		1482.6	1524.8	1585.9	1670.6	1695.6	1740.7	1753.1	1735.0	1763.9	1763.2
FEDERAL GOVERNMENT		316.2	311.5	321.4	323.2	316.1	314.7	318.6	322.8	333.8	323.6
STATE & LOCAL GOVERNMENT		1176.5	1213.3	1265.6	1347.4	1379.5	1426.0	1434.5	1412.2	1430.1	1439.5
COUNTY		197.5	203.9	211.6	228.3	227.1	228.6	232.5	226.8	233.8	231.8
CITY (D)		172.9	175.8	178.3	195.1	194.6	198.9	200.2	188.8	188.7	187.3
EDUCATION (E)		622.2	643.0	677.2	713.6	741.2	771.0	764.9	759.0	762.5	770.3
EDUCATION STATE		105.3	109.8	113.9	119.8	122.3	125.5	128.1	130.4	134.2	141.7
EDUCATION LOCAL		517.0	533.2	563.3	593.9	618.7	645.5	636.9	628.6	628.3	628.6
OTHER STATE & LOCAL		183.8	190.6	198.5	210.4	216.7	227.4	236.8	237.6	245.0	256.2
OTHER STATE		133.5	137.6	143.5	149.0	153.3	160.3	168.0	169.6	172.6	174.4
SPECIAL DISTRICT		50.4	53.0	55.0	61.4	63.4	67.1	68.8	68.0	72.5	75.8
ESTIMATED AGRICULTURAL WAGE AND SALARY EMPLOYMENT 1972-1981 (F)											
AGRICULTURE	01-09	268.1	288.9	308.1	315.7	323.5	314.7	323.9	338.6	352.3	361.7
AGRICULTURAL PROD	01-02	208.3	222.4	236.9	243.7	248.2	241.7	245.1	255.6	261.9	264.4
AGRICULTURAL SERV (G)	07-09	59.8	66.6	71.2	72.0	75.3	72.9	78.9	83.0	90.3	97.3

source: Employment Development Department
Employment Data & Research Division

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA 1981(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
TOTAL NONAG EMPLOYMENT	9884.6	9891.5	9932.0	9991.8	10046.1	10112.9	10017.3	10032.9	10107.2	10127.6	10147.2	10167.6	10039.8
MINING	45.4	45.7	45.4	46.2	48.1	49.2	49.2	49.5	49.3	49.1	49.4	49.2	48.0
METAL MINING	2.2	2.3	2.4	2.5	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.4	2.4
FUEL MINING	35.6	35.9	35.7	36.4	38.1	39.1	39.3	39.7	39.5	39.4	39.7	39.6	38.2
NONMETAL MINING	7.6	7.4	7.3	7.3	7.4	7.5	7.4	7.3	7.4	7.3	7.3	7.3	7.4
CONSTRUCTION (D)	430.0	420.0	424.4	432.9	438.1	440.3	434.9	440.8	435.8	440.6	434.4	422.4	432.9
GENERAL BLDG CONTRACTORS	110.9	108.0	107.6	108.4	109.8	110.0	111.5	112.5	110.5	117.5	114.5	112.5	111.1
HEAVY CONSTRUCTION	87.0	85.9	88.5	91.7	93.6	94.5	94.0	93.7	92.0	91.4	90.2	87.2	90.9
SPECIAL TRADE CONTRACTOR	230.1	226.1	228.3	232.8	234.7	236.3	228.5	235.5	235.3	231.7	229.7	222.7	230.8
MANUFACTURING	1982.2	1988.2	2004.8	2011.8	2019.3	2035.1	2044.1	2067.5	2055.8	2025.2	2007.7	1986.2	2018.8
NONDURABLE GOODS	620.7	621.6	629.6	635.0	638.2	644.1	654.8	683.4	676.1	653.7	641.3	632.1	644.2
DURABLE GOODS	1361.5	1366.6	1375.2	1376.8	1381.1	1389.0	1389.3	1384.1	1379.7	1371.5	1366.4	1354.1	1374.6
FOOD & KINDRED	170.9	169.4	172.5	175.0	175.9	177.6	191.2	221.2	211.8	190.0	178.4	171.9	183.8
CANED, CURED, FROZ FISH	10.9	10.3	9.8	10.2	10.7	11.2	10.7	10.6	10.7	10.3	10.5	10.5	10.5
MEAT PRODUCTS	19.0	18.5	18.7	18.7	18.6	18.3	18.8	18.7	18.9	18.9	19.0	19.1	18.8
DAIRY PRODUCTS	14.3	14.4	14.5	14.6	14.8	14.9	15.0	15.2	15.1	14.7	14.6	14.6	14.7
DRSRVD FRUITS & VEGTBLS	41.5	41.6	44.3	45.8	45.9	46.5	60.8	89.6	77.4	55.8	43.9	38.9	52.7
GRAIN MILL PRODUCTS	8.6	8.5	8.4	8.4	8.3	8.3	8.3	8.3	8.4	8.9	8.5	8.3	8.4
BAKERY PRODUCTS	19.1	18.8	19.0	18.8	18.8	18.9	18.8	18.7	19.0	18.6	18.6	18.6	18.8
BEVERAGES	25.1	25.3	25.4	24.7	24.8	25.2	25.7	26.3	27.4	26.4	26.3	26.5	25.8
OTHER FOOD	32.4	32.0	32.4	33.8	34.2	33.8	33.1	33.8	34.9	36.4	37.0	35.4	34.1
TEXTILE MILL PRODUCTS	13.9	13.8	13.8	14.1	14.5	14.6	14.2	14.1	13.9	13.7	13.7	13.6	14.0
KNITTING MILLS	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.5	2.5
FLOOR COVERING MILLS	5.2	5.1	5.1	5.2	5.3	5.3	5.1	5.1	5.0	5.0	4.8	4.9	5.1
OTHR TEXTILE MILL PRODS	6.3	6.3	6.3	6.5	6.7	6.8	6.6	6.4	6.3	6.2	6.4	6.4	6.4
APPAREL & OTHER TEXTILE	103.2	105.0	107.9	109.0	110.3	111.1	110.2	110.0	110.0	110.9	111.1	109.4	109.0
MEN'S AND BOYS'	12.7	12.7	12.8	13.1	13.1	13.2	13.4	13.3	13.2	13.3	13.3	13.2	13.1
WOMEN'S & MISSES'	61.1	62.6	64.7	65.2	66.0	66.5	65.2	64.6	64.7	66.3	66.8	65.8	65.0
WOMEN'S & CHILDS UNDGMT	4.4	4.7	4.7	4.7	4.7	4.8	4.8	4.9	4.9	4.9	5.0	5.1	4.8
CHILDREN'S OUTWEAR	1.8	1.8	1.9	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7
OTR APPAREL & TEXTILE	23.2	23.2	23.8	24.3	24.8	24.9	25.1	25.6	25.6	24.8	24.4	23.6	24.4
PAPER & ALLIED PRODUCTS	38.3	38.2	38.6	38.9	38.5	39.3	39.3	39.2	39.7	39.1	38.8	38.3	38.8
MISC CONVERTED PAPER	14.6	14.5	14.6	14.7	14.6	14.9	15.0	15.0	15.3	15.2	15.2	15.2	14.9
PAPERBOARD CONTAINERS	16.8	16.8	16.9	16.9	16.3	17.2	17.1	17.2	17.3	17.0	16.8	16.4	16.9
PULP,PAPER & PAPERBOARD	6.9	6.9	7.1	7.2	7.1	7.2	7.2	7.0	7.1	6.9	6.8	6.7	7.0
PRINTING & PUBLISHING	124.3	124.6	124.7	124.9	124.7	125.3	124.4	123.8	124.5	124.9	125.1	125.6	124.7
NEWSPAPERS	43.1	43.1	43.5	43.5	43.4	43.7	43.3	43.5	43.8	44.1	44.3	44.6	43.7
COMMERCIAL PRINTING	49.5	49.6	48.1	48.3	47.8	48.2	47.6	47.5	48.0	47.8	48.2	48.5	48.3
OTHER PRINTING & PUB	31.7	31.9	33.1	33.3	33.5	33.4	33.0	32.8	32.7	33.0	32.6	32.5	32.8

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA 1981(A)
(AMOUNT IN THOUSANDS)

INDUSTRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
CHEMICALS & ALLIED	66.5	66.5	67.1	67.2	67.0	67.4	67.4	66.8	67.1	66.8	67.1	67.1	67.0
INDUSTRIAL INORGANIC	7.4	7.4	7.4	7.4	7.5	7.6	7.7	7.6	7.6	7.6	7.5	7.4	7.5
PLASTICS MATERIAL & SYN	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.5	3.5	3.4	3.4	3.4	3.5
DRUGS	18.0	18.0	18.3	18.3	18.1	18.2	18.3	18.3	18.2	18.3	18.3	18.3	18.2
SOAP, CLEANERS, TOILET	14.5	14.5	14.6	14.4	14.4	14.5	14.3	14.2	14.5	14.4	14.7	15.0	14.5
PAINT & ALLIED PRODUCTS	7.4	7.4	7.4	7.5	7.6	7.6	7.5	7.3	7.2	7.2	7.1	7.1	7.4
AGRICULTURE CHEMICALS	5.3	5.3	5.4	5.4	5.3	5.4	5.2	5.1	5.1	5.1	5.3	5.2	5.3
OTHR CHEMICALS & ALLIED	10.5	10.5	10.6	10.7	10.6	10.6	10.8	10.8	11.0	10.8	10.8	10.7	10.7
PETROLEUM & COAL PRODUCT	29.0	29.1	29.2	29.3	29.4	29.4	29.7	29.9	29.8	29.6	29.8	29.7	29.5
PETROLEUM REFINING	25.2	25.4	25.5	25.7	25.8	26.0	26.5	26.8	26.7	26.6	26.8	26.7	26.1
OTHER PETROLEUM & COAL	3.8	3.7	3.7	3.6	3.6	3.4	3.2	3.1	3.1	3.0	3.0	3.0	3.4
RUBBER & MISC PLASTIC	63.8	64.2	64.8	65.6	66.1	66.9	65.9	65.6	66.5	65.9	64.8	64.3	65.4
TIRES AND INNER TUBES	1.5	1.5	1.3	1.4	1.4	1.4	1.2	1.3	1.3	1.3	1.3	1.3	1.4
RUBBER FOOT & FAB RUB	9.8	10.0	10.1	10.3	10.5	10.6	10.5	10.5	10.5	10.4	10.3	10.1	10.3
MISC PLASTICS PRODUCTS	51.4	51.6	52.1	52.7	53.0	53.7	53.0	52.7	53.6	53.1	52.1	51.8	52.6
OTHER RUBBER & PLASTICS	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
LEATHER AND LEATHER PROD	10.9	10.8	11.0	11.1	11.8	12.5	12.5	12.8	12.3	12.8	12.5	12.0	12.0
LUMBER & WD PROD EXC FUR	55.8	55.4	55.6	57.8	60.4	61.5	61.7	60.2	57.3	53.2	49.3	44.0	56.1
LOGGING CAMP & SAW MILL	20.5	20.0	20.0	21.6	23.5	24.5	24.4	23.5	21.8	19.2	17.2	15.2	21.0
MILLWORK & PLYWOOD	15.6	15.7	15.7	15.6	15.9	16.0	15.3	15.1	15.0	14.3	13.7	13.0	15.1
WOODEN CONTAINERS	4.1	4.1	4.1	4.2	4.3	4.5	4.5	4.1	3.8	3.6	3.2	3.0	4.0
OTHR LUMBER & WOOD PROD	15.6	15.6	15.8	16.4	16.7	16.5	17.5	17.5	17.2	16.1	15.2	12.8	16.1
FURNITURE & FIXTURES	54.5	55.0	56.1	56.4	56.6	56.4	55.1	55.0	55.3	55.2	55.3	54.2	55.4
HOUSEHOLD FURNITURE	33.6	34.2	34.8	35.0	35.2	34.8	34.0	33.4	33.7	33.6	33.7	33.0	34.1
PARTITIONS AND FIXTURES	6.7	6.6	6.9	6.8	6.8	6.9	6.9	7.0	7.0	7.2	7.2	6.8	6.9
OTHER FURNITURE AND FIX	14.2	14.2	14.4	14.6	14.7	14.7	14.2	14.6	14.6	14.4	14.4	14.4	14.4
STONE, CLAY & GLASS PROD	57.1	57.1	58.2	58.8	59.7	59.4	57.2	57.0	57.3	57.0	56.3	55.5	58.4
GLASS & GLASS PRODUCTS	17.4	17.5	17.9	18.2	18.4	18.7	17.5	17.2	17.7	17.9	17.9	17.7	17.6
CEMENT, HYDRAULIC	4.0	4.0	4.1	4.1	4.1	4.1	3.9	3.9	3.8	3.7	3.8	3.6	3.5
STRUCTURAL CLAY PRODUCT	3.4	3.4	3.5	3.5	3.5	3.5	3.3	3.4	3.3	3.2	3.1	3.0	3.3
POTTERY AND RELATED	5.9	6.0	6.2	6.3	6.4	6.4	5.8	6.2	6.0	6.2	5.9	5.8	5.9
CONCRETE & PLASTER PROD	16.4	16.1	16.8	16.9	16.9	16.9	16.4	16.2	15.8	15.9	15.8	15.5	15.3	16.1
OTHR STONE,CLAY & GLASS	10.0	10.1	10.4	10.6	10.6	10.4	10.4	10.5	10.6	10.2	10.1	10.1	10.1
PRIMARY METAL INDUSTRIES	55.1	55.1	55.5	55.9	56.9	56.7	56.0	56.1	56.0	55.4	54.2	53.8	55.5
BLAST FURNACE & STEEL	16.5	16.2	16.4	16.4	16.3	16.7	16.6	16.9	16.9	16.8	15.9	15.5	16.4
IRON & STEEL FOUNDRIES	8.6	8.7	8.8	8.9	8.8	8.9	8.7	8.8	8.9	8.8	8.5	8.6	8.8
NONFERROUS ROLING & DRAW	14.9	15.1	15.1	15.3	15.6	15.6	15.4	15.3	15.1	14.9	14.8	14.5	15.1
NONFEROUS FOUNDRIES	10.3	10.4	10.5	10.6	10.5	10.7	10.6	10.4	10.4	10.1	10.1	10.2	10.4
OTHER PRIMARY METALS	4.8	4.7	4.7	4.7	4.8	4.8	4.7	4.7	4.7	4.8	4.8	5.0	4.8

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INDUSTRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
FABRICATED METAL PRODUCT	157.0	157.0	160.1	159.8	157.5	158.3	160.0	159.5	159.4	156.5	154.0	152.1	157.6
CANS AND SHIPPING CONT	9.8	9.9	10.0	10.3	10.0	10.2	10.5	10.4	10.1	9.1	8.8	8.9	9.8
CUTLERY, HANDTOOL, HDWR	15.6	15.7	16.0	16.0	15.9	15.9	15.8	15.8	15.7	15.5	15.3	15.1	15.7
PLUMBING & HEATING	7.6	7.7	7.7	7.8	7.6	7.7	7.8	7.4	7.3	7.3	7.1	6.9	7.5
STRUCTURAL METAL PRODS	51.2	53.6	53.3	53.0	53.3	53.4	53.7	53.6	53.7	52.5	51.2	50.5	52.5
SCREW MACHINE PRODUCTS	15.6	15.7	15.6	15.5	15.3	15.3	15.0	14.8	14.6	14.5	14.4	14.3	15.1
METAL FORGING AND STAMP	14.1	14.2	14.4	14.1	14.2	14.3	14.0	14.1	14.4	14.2	14.1	13.9	14.2
METAL SERVICES, NEC	19.5	19.6	20.6	19.8	19.3	20.0	20.2	19.9	19.8	19.4	19.2	18.8	19.6
OTHER FABRICATED METAL	23.4	23.6	23.5	23.6	21.3	21.2	23.5	23.5	23.8	24.0	23.9	23.7	23.3
MACHINERY EXC ELECTRICAL	233.1	233.3	235.0	234.5	235.1	237.0	237.4	236.7	232.9	231.8	231.7	231.9	234.2
FARM & GARDEN MACHINERY	5.5	5.7	5.8	5.8	5.9	6.0	5.9	5.8	5.6	5.5	5.2	4.9	5.6
CONSTRUCTION & RELATED	22.1	22.3	22.5	23.0	22.9	23.7	24.6	25.0	24.8	24.3	24.3	24.3	23.7
METALWORKING MACHINERY	19.2	19.0	19.1	19.1	19.0	19.1	19.0	19.0	18.9	18.8	18.8	18.7	19.0
SPECIAL INDUSTRY MACH	13.2	13.1	13.3	13.3	13.4	13.4	13.5	13.5	13.5	13.3	13.3	13.2	13.3
GENERAL INDUSTRY MACH	20.8	20.8	21.0	20.8	20.7	20.9	21.0	20.8	20.9	20.9	20.6	20.6	20.8
OFFICE & COMPUTING MACH	98.3	98.1	98.4	97.8	98.2	98.8	98.8	97.3	92.7	92.6	93.2	94.2	96.5
REFRIGERATION & SERVICE	7.5	7.7	7.9	7.8	7.9	7.9	7.9	7.8	7.8	7.6	7.6	7.5	7.7
OTHR MACHINERY EXC ELEC	46.5	46.6	47.0	46.9	47.1	47.2	46.7	47.5	48.7	48.8	48.7	48.5	47.5
ELECTRICAL EQUIP & SUP	340.2	341.5	342.3	341.8	342.7	344.2	344.1	344.8	346.2	347.4	345.0	343.8	343.5
ELECTRI DISTRIBUTION EQ	9.3	9.2	9.3	9.4	9.4	9.4	9.4	9.2	9.3	9.4	9.3	9.2	9.3
INDUSTRIAL APPARATUS	14.4	14.4	14.5	14.2	14.2	14.4	14.4	14.3	14.5	14.4	14.4	14.3	14.4
HOUSEHOLD APPLIANCES	5.8	5.7	5.6	5.7	5.6	5.7	5.7	5.8	5.8	5.6	5.4	5.3	5.6
LIGHTING & WIRING EQUIP	22.8	23.2	23.4	23.5	23.1	23.2	22.7	22.8	22.3	22.4	22.6	22.4	22.9
RADIO & TV RECEIVING EQ	17.5	17.6	17.8	17.6	17.3	17.6	18.3	18.4	18.7	18.3	18.4	17.7	17.9
COMMUNICATION EQUIPMENT	136.7	137.4	136.8	137.3	138.0	139.0	139.4	139.3	138.9	139.2	140.3	140.6	138.6
ELECTRONIC COMP & ACCES	124.3	124.6	125.3	124.7	125.8	125.5	124.9	125.4	125.0	128.4	124.8	124.8	125.3
MISC ELEC EQUIP & SUP	9.4	9.4	9.4	9.4	9.3	9.4	9.3	9.6	9.7	9.7	9.8	9.5	9.5
TRANSPORTATION EQUIPMENT	267.6	271.1	272.9	272.3	275.3	275.2	272.1	268.5	270.9	268.8	274.4	273.4	271.9
MOTOR VEHICLES & EQUIP	32.0	32.7	34.4	35.3	38.6	38.9	35.7	31.5	33.7	38.4	39.7	39.6	35.9
AIRCRAFT AND PARTS	150.7	152.2	149.9	148.9	148.6	148.5	148.2	148.0	148.2	147.2	145.7	144.0	148.2
SHIP & BOAT BLDG & REP	23.6	24.1	24.1	23.5	23.4	23.1	23.2	23.5	23.4	17.3	22.8	23.2	22.9
GUIDED MISS, SPACE VECH	55.8	53.4	58.6	58.6	58.6	58.6	59.0	59.4	59.6	60.0	60.4	60.3	59.0
OTHER TRANSPORT & EQUIP	5.5	5.7	5.9	6.0	6.1	6.1	6.0	6.1	6.0	5.9	5.8	5.8	5.9
INSTRUMENTS & RELATED	101.6	101.4	101.7	102.1	102.5	104.0	104.9	105.3	104.6	104.0	103.4	103.4	103.2
MEASURING & CONTROLLING	47.1	47.0	47.4	47.9	48.1	49.2	50.0	50.6	50.2	49.4	49.0	48.9	48.7
OTHER INSTR & RELATED	54.5	54.4	54.3	54.2	54.4	54.8	54.9	54.7	54.4	54.6	54.4	54.5	54.5
MISC MANUFACT INDUSTRIES	39.5	39.7	40.0	40.3	40.4	40.6	40.8	41.0	41.3	42.2	42.8	42.0	40.9
TOYS AND SPORTING GOODS	16.4	16.6	16.8	16.7	17.0	17.4	17.4	17.5	17.2	17.4	17.5	17.3	17.1
OTHR MISC MANUFACTURING	23.1	23.1	23.2	23.6	23.4	23.2	23.4	23.5	24.1	24.8	25.3	24.7	23.8

ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY
CALIFORNIA 1981(P)
(AMOUNT IN THOUSANDS)

INDUSTRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
TRANSPORTATION & PUB UTLTY	541.5	540.3	543.0	549.3	554.2	557.1	560.8	561.9	563.0	556.3	554.1	554.1	553.0
TRANSPORTATION	293.4	291.2	293.5	298.0	301.8	303.3	304.8	306.3	307.6	301.2	299.5	299.2	300.0
RAILROADS	30.5	30.5	30.4	30.6	30.6	30.6	30.6	30.5	30.4	30.2	30.0	30.0	30.4
TRUCKING AND WAREHOUSING	111.2	110.3	111.0	114.5	116.8	117.5	118.5	121.0	122.6	120.5	119.9	120.4	117.2
OTHER TRANSPORTATION	151.7	150.2	151.5	152.9	154.4	155.2	154.7	154.7	154.6	150.5	149.6	148.8	152.4
COMMUNICATIONS	176.7	177.6	178.5	180.3	181.2	182.3	184.0	183.7	183.5	183.5	183.3	183.5	181.5
ELECTRIC GAS & SANITARY	71.4	71.5	71.2	71.0	71.2	72.5	72.0	71.9	71.9	71.6	71.3	71.4	71.5
WHOLESALE & RETAIL TRADE	2274.0	2252.2	2258.4	2270.5	2294.9	2315.3	2318.4	2332.1	2351.3	2345.9	2369.3	2416.5	2316.5
WHOLESALE TRADE	587.7	585.7	589.3	591.9	597.1	603.0	607.0	608.4	611.4	609.2	613.0	612.9	601.4
RETAIL TRADE	1686.3	1666.5	1669.1	1678.4	1697.8	1712.3	1711.4	1723.7	1739.9	1736.7	1756.3	1803.6	1715.2
GENERAL MERCHANDISE	236.1	239.5	234.6	231.5	231.1	230.3	231.4	231.9	236.0	242.9	255.2	276.2	241.4
FOOD STORES	243.4	242.6	243.4	246.2	246.0	250.9	252.9	255.9	255.9	255.4	257.7	262.1	250.9
OTHER RETAIL TRADE	1186.8	1184.4	1191.1	1202.7	1220.7	1231.1	1227.1	1235.9	1248.0	1238.4	1243.4	1265.3	1222.9
FINANCE INS & REAL ESTATE	637.5	637.7	640.7	641.0	643.3	644.7	646.9	649.0	651.5	652.8	653.9	656.2	646.3
FINANCE	312.8	313.8	314.8	315.6	316.1	316.0	318.2	319.3	320.6	322.2	323.9	325.8	318.3
INS CARRIER, AGTS BROKER	183.6	183.7	184.9	184.0	184.5	185.0	185.4	186.0	186.8	186.4	186.8	187.5	185.4
REAL ESTATE	126.9	125.9	126.8	126.9	128.2	129.3	128.8	129.0	129.3	129.5	128.5	128.1	128.1
COMB HOLDING & OTHR INVS	14.2	14.3	14.2	14.5	14.6	14.4	14.5	14.7	14.8	14.7	14.7	14.8	14.5
SERVICES	2192.4	2211.6	2231.2	2233.2	2242.9	2260.5	2267.0	2278.0	2295.9	2300.9	2307.3	2314.5	2261.2
HOTELS AND OTHER LODGING	113.6	116.2	118.1	121.1	123.6	125.4	126.6	128.6	128.8	124.3	124.4	124.9	122.6
PERSONAL SERVICES	102.6	104.4	105.2	104.9	100.9	101.0	99.2	99.4	100.9	100.5	100.7	101.8	101.8
BUSINESS SERVICES	472.9	472.3	476.5	479.1	481.8	489.2	492.5	495.8	499.8	500.3	501.3	503.3	488.7
AUTO AND MISC REPAIR	131.5	132.3	133.6	135.7	135.3	137.3	137.0	136.3	136.6	136.8	137.0	136.6	135.4
MOTION PICTURES	81.7	82.5	83.0	75.6	74.9	75.9	81.3	82.8	84.6	85.8	87.7	86.7	81.9
AMUSEMENT & RECREATION	86.1	90.2	93.1	95.6	93.8	102.1	103.6	102.4	100.9	95.9	95.9	97.9	97.0
HEALTH SERVICES	569.6	571.6	575.6	576.2	578.9	582.1	584.1	587.4	590.4	591.6	593.6	594.4	583.0
OTHER SERVICES	634.4	642.1	646.1	647.0	649.8	647.5	642.7	644.8	655.9	664.7	666.7	668.9	650.8
GOVERNMENT (C)	1781.6	1795.8	1803.9	1807.1	1806.2	1811.3	1696.9	1654.1	1704.6	1756.8	1771.1	1768.5	1763.2
FEDERAL GOVERNMENT	324.3	326.3	323.7	323.6	323.4	324.8	325.7	325.0	321.1	321.8	322.4	323.2	323.6
STATE & LOCAL GOVERNMENT	1457.3	1471.5	1480.2	1483.5	1482.8	1486.5	1371.2	1329.1	1383.5	1435.0	1448.7	1445.3	1439.5
COUNTY	234.9	234.0	234.5	234.5	232.6	235.1	234.9	234.8	228.0	226.4	227.3	227.1	231.8
CITY (D)	186.3	187.5	187.9	188.3	187.0	192.6	198.3	197.4	182.2	179.8	180.0	179.8	187.3
EDUCATION (E)	790.5	803.6	810.1	812.0	814.5	808.8	602.8	641.8	720.3	777.7	792.1	789.7	770.3
EDUCATION STATE	139.9	144.9	146.0	146.9	147.2	143.0	133.9	132.0	135.0	144.0	146.0	143.0	141.7
EDUCATION LOCAL	650.6	658.7	664.1	665.1	667.1	665.8	549.8	509.8	585.3	633.7	646.1	646.7	628.6
OTHER STATE & LOCAL	246.5	246.6	247.7	248.7	248.9	252.0	254.7	255.1	253.0	251.1	249.3	248.7	250.2
OTHER STATE	172.2	173.0	172.9	173.4	173.2	175.5	177.6	177.9	176.3	174.6	173.1	172.9	174.4
SPECIAL DISTRICT	74.3	73.6	74.8	75.3	75.7	76.5	77.1	77.2	76.7	76.5	76.2	75.8	75.8
ESTIMATED AGRICULTURAL WAGE AND SALARY EMPLOYMENT 1981 (F)													
AGRICULTURE	231.1	270.3	272.8	326.1	390.6	429.3	412.4	438.0	471.2	396.0	335.0	318.0	361.7
AGRICULTURAL PROD	213.6	203.4	203.9	241.0	281.0	304.2	292.4	316.0	347.2	290.0	245.0	235.0	264.4
AGRICULTURAL SERV (G)	67.5	66.9	68.9	85.1	109.6	125.1	120.0	122.0	124.0	106.0	90.0	83.0	97.3

source: Employment Development Department
Employment Data & Research Division

FOOTNOTES

(A) DOES NOT INCLUDE PROPRIETORS, THE SELF-EMPLOYED, UNPAID VOLUNTEERS OR FAMILY WORKERS, FARM WORKERS, DOMESTIC WORKERS IN HOUSEHOLDS, AND PERSONS IN LABOR MANAGEMENT TRADE DISPUTES. FURTHERMORE, ANNUAL AVERAGE MAY DIFFER FROM THE TRUE ARITHMETIC MEAN BY 0.1 THOUSAND JOBS DUE TO COMPUTER ROUNDING ERROR.

(B) INCLUDES EMPLOYEES OF CONSTRUCTION CONTRACTORS AND OPERATIVE BUILDERS; DOES NOT INCLUDE FORCED ACCOUNT OR GOVERNMENT CONSTRUCTION WORKERS.

(C) INCLUDES ALL CIVILIAN EMPLOYEES OF FEDERAL, STATE AND LOCAL GOVERNMENTS REGARDLESS OF THE ACTIVITY IN WHICH THE EMPLOYEE IS ENGAGED.

(D) INCLUDES ALL EMPLOYEES OF THE CITY AND COUNTY OF SAN FRANCISCO.

(E) INCLUDES ALL EMPLOYEES OF STATE AND LOCAL PUBLIC SCHOOLS.

(F) EMPLOYMENT REPORTED BY PLACE OF WORK. DOES NOT INCLUDE FARMERS OR UNPAID FAMILY WORKERS.

(G) AG SERVICES, FORESTRY AND FISHING- DEFINITION CHANGED TO EXCLUDE VETERINARY, OTHER ANIMAL, LANDSCAPE AND HORTICULTURAL SERVICE (SIC 074, 075, 078)

Nonagricultural Wage and Salary Employment by Major Industry Group
1939-1981

	Nonag	ME	Const	Mfg	TPU	Trade	FIRE	Svc	Govt
1939	1,812.0	40.0	78.8	384.4	185.1	504.7	93.9	274.7	250.3
1940	1,931.8	40.0	92.1	440.2	190.3	524.2	98.3	280.4	266.3
1941	2,264.9	40.1	138.5	593.6	213.0	572.1	102.4	297.4	307.8
1942	2,689.6	33.8	155.5	876.0	233.8	588.0	97.2	321.3	384.1
1943	3,083.6	29.4	140.3	1,165.5	250.8	596.1	94.9	341.5	465.0
1944	3,116.4	29.9	135.9	1,109.7	268.0	614.0	93.2	355.2	510.6
1945	2,961.3	30.6	139.0	860.8	279.5	654.2	97.8	365.7	533.7
1946	2,972.6	33.5	177.7	706.7	295.5	737.1	116.9	405.0	500.2
1947	3,080.0	34.2	209.0	721.8	312.6	774.7	125.8	418.9	483.0
1948	3,162.8	35.6	232.7	734.2	317.9	790.6	132.3	418.7	500.9
1949	3,088.1	34.4	204.4	701.5	306.0	767.2	134.2	415.6	524.6
1950	3,209.4	32.3	235.0	759.7	307.1	783.2	142.1	416.8	533.3
1951	3,518.3	35.0	250.9	892.5	327.1	820.9	150.3	441.7	599.9
1952	3,737.8	35.9	250.6	994.6	336.3	852.6	157.9	469.0	640.9
1953	3,880.7	37.3	261.5	1,060.8	346.6	881.1	166.7	480.4	646.4
1954	3,866.1	36.1	255.0	1,048.6	336.5	877.2	170.4	487.8	654.5
1955	4,082.9	36.8	284.0	1,121.1	347.4	915.6	180.4	516.5	681.2
1956	4,352.3	37.0	302.3	1,218.0	364.9	963.1	193.2	549.2	724.6
1957	4,525.2	36.5	287.5	1,283.8	372.8	986.9	203.7	593.1	760.9
1958	4,498.6	33.4	286.7	1,217.4	353.7	973.0	212.6	623.2	798.6
1959	4,774.8	32.4	308.4	1,312.6	354.8	1,030.8	226.2	677.2	832.4
1960	4,896.0	30.6	294.8	1,317.2	356.9	1,067.6	243.2	711.7	874.0
1961	4,996.1	30.3	294.4	1,318.0	351.2	1,080.6	253.0	748.3	920.3
1962	5,217.7	30.2	307.7	1,382.5	357.0	1,121.4	265.4	790.7	962.8
1963	5,412.3	29.6	329.0	1,394.3	360.3	1,169.0	281.0	847.5	1,001.6
1964	5,606.5	31.0	340.4	1,389.4	371.0	1,224.5	296.7	910.0	1,043.5
1965	5,800.3	31.7	323.7	1,411.2	387.1	1,269.7	306.7	964.8	1,105.4
1966	6,145.2	32.3	305.6	1,531.3	410.3	1,329.3	310.6	1,029.1	1,196.7
1967	6,367.6	31.9	275.2	1,594.0	428.7	1,358.7	319.3	1,085.5	1,274.3
1968	6,642.1	32.5	290.7	1,639.7	440.7	1,418.1	337.8	1,146.8	1,335.8
1969	6,931.5	32.6	310.6	1,661.3	460.7	1,493.0	358.4	1,223.2	1,391.7
1970	6,946.2	31.4	303.0	1,558.0	459.1	1,529.3	374.5	1,266.2	1,424.7
1971	6,917.0	30.4	301.5	1,473.2	452.6	1,545.2	386.8	1,281.0	1,446.3
1972	7,209.9	29.2	320.7	1,536.0	454.1	1,608.6	409.3	1,359.4	1,492.6
1973	7,621.9	30.5	344.8	1,653.5	467.0	1,703.2	431.6	1,466.5	1,524.8
1974	7,834.3	32.8	334.0	1,694.0	470.7	1,752.0	444.8	1,520.1	1,585.9
1975	7,847.2	33.9	303.3	1,586.9	458.1	1,786.3	446.4	1,561.7	1,670.6
1976	8,154.2	34.7	317.6	1,650.9	463.9	1,875.6	468.7	1,647.3	1,695.6
1977	8,599.7	35.6	366.1	1,728.3	476.5	1,982.4	505.4	1,764.7	1,740.7
1978	9,199.8	37.1	417.5	1,875.2	506.4	2,126.0	553.2	1,931.3	1,753.1
1979	9,664.6	39.3	463.3	2,002.7	534.7	2,223.8	595.9	2,070.0	1,735.0
1980	9,852.4	43.5	444.8	2,007.8	546.3	2,266.8	623.1	2,156.2	1,763.9
1981	10,039.8	48.0	432.9	2,018.8	553.0	2,316.5	646.3	2,261.2	1,763.2

Source: California Employment Development Department
Employment Data and Research Division
Employment Reports Group

INDUSTRY-OCCUPATION EMPLOYMENT (MATRIX) SUMMARY, 1980 AND 1985 a/
STATE OF CALIFORNIA (in thousands)

MAJOR OCCUPATIONAL GROUP	YEAR	TOTAL ALL INDUSTRIES	AGRICULTURE, FORESTRY, FISHERIES	MINING	CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS, UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE INDUSTRIES	PUBLIC ADMINISTRATION
		INDUSTRY DIVISION									
Total, All Occupations	80	11,077	427	41	366	2,104	628	2,357	669	3,524	556
	85	12,497	442	44	605	2,332	681	2,941	721	4,029	603
Professional, Technical, Kindred	80	1,034	17	3	35	340	65	90	32	1,324	120
	85	1,344	19	3	38	383	70	92	41	1,453	137
Managers, Officials, Proprietors	80	1,259	6	2	77	133	63	228	144	274	52
	85	1,378	6	4	75	200	72	492	176	322	55
Sales Workers	80	703	5	0	5	71	7	605	175	34	1
	85	1,050	6	0	7	81	8	694	220	45	0
Clerical Workers	80	2,162	15	5	44	281	150	435	283	763	186
	85	2,481	16	5	43	329	157	511	331	905	205
Crafts and Kindred Workers	80	1,354	14	10	307	418	135	304	2	210	43
	85	1,504	17	11	334	450	157	332	2	246	43
Operatives	80	1,330	17	14	46	734	113	241	2	128	14
	85	1,502	18	15	52	894	135	267	2	147	14
Service Workers	80	1,395	4	0	3	25	21	472	14	729	124
	85	1,695	5	0	4	29	29	556	16	932	141
Laborers, except Farm	80	350	52	2	47	42	37	119	5	63	19
	85	426	66	3	50	43	38	131	5	73	18
Farmers and Farm Workers	80	292	292	0	0	0	0	0	0	0	0
	85	292	292	0	0	0	0	0	0	0	0

a/ Subtotals may not add to totals because of rounding.

source: California Employment Development Department
Employment Data and Research Division

PERCENTAGE DISTRIBUTION OF EMPLOYMENT BY INDUSTRIES WITHIN OCCUPATION, 1980 AND 1985[a/]
STATE OF CALIFORNIA

INDUSTRY DIVISION

MAJOR OCCUPATIONAL GROUP	YEAR	TOTAL ALL INDUSTRIES	AGRICULTURE, FORESTRY, FISHERIES	MINING	CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS, UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE INDUSTRIES	PUBLIC ADMINISTRATION
Total, All Occupations	80	100.0	3.9	0.4	5.1	19.0	5.7	23.2	6.0	32.8	5.0
	85	100.0	3.5	0.4	4.8	18.7	5.5	23.6	6.3	32.3	4.8
Professional, Technical, Kindred	80	100.0	0.8	0.4	1.7	17.1	3.2	4.1	1.8	64.9	5.9
	85	100.0	0.8	0.4	1.7	17.1	3.1	4.1	1.8	64.9	6.1
Managers, Officials, Proprietors	80	100.0	0.5	0.3	5.4	15.9	5.2	33.2	12.0	22.8	4.3
	85	100.0	0.4	0.3	5.5	15.8	5.2	33.3	12.8	23.4	4.0
Sales Workers	80	100.0	0.5	-	0.6	7.9	0.8	67.0	19.4	3.7	0.1
	85	100.0	0.5	-	0.7	7.7	0.7	66.0	20.0	4.3	-
Clerical Workers	80	100.0	0.7	0.2	1.1	13.0	6.9	20.2	13.1	35.3	8.6
	85	100.0	0.6	0.2	1.0	12.9	6.3	20.6	13.3	36.4	7.8
Crafts and Kindred Workers	80	100.0	1.1	0.7	22.7	30.2	10.3	15.1	0.6	15.5	3.1
	85	100.0	1.1	0.7	23.2	30.5	10.2	15.4	0.6	16.4	2.9
Operatives	80	100.0	1.2	1.1	3.5	54.2	10.7	18.0	0.2	9.5	1.1
	85	100.0	1.2	1.0	3.4	53.5	10.3	17.8	0.2	9.8	0.9
Service Workers	80	100.0	0.3	-	0.2	1.2	1.7	33.8	1.0	52.2	8.9
	85	100.0	0.2	-	0.2	1.3	1.8	34.7	1.0	51.8	8.8
Laborers, except Farm	80	100.0	15.2	0.2	11.2	11.0	9.4	30.0	1.4	16.1	4.5
	85	100.0	15.4	0.2	11.7	10.2	8.9	30.9	1.4	17.2	4.2
Farmers and Farm Workers	80	100.0	100.0	-	-	-	-	-	-	-	-
	85	100.0	100.0	-	-	-	-	-	-	-	-

a/ The percentages were computed from unrounded data.
Parts may not add to 100 percent due to rounding.

source: California Employment Development Department
Employment Data and Research Division

PERCENTAGE DISTRIBUTION OF EMPLOYMENT BY OCCUPATIONS WITHIN INDUSTRY, 1980 AND 1985[a/]
STATE OF CALIFORNIA

MAJOR OCCUPATIONAL GROUP	YEAR	TOTAL ALL INDUSTRIES	AGRICULTURE, FORESTRY, FISHERIES	MINING	CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS, UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE INDUSTRIES	PUBLIC ADMINISTRATION
		INDUSTRY DIVISION									
Total, All Occupations	80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	85	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Professional, Technical, Kindred	80	18.4	4.0	18.6	6.3	16.6	10.4	3.3	5.4	37.6	21.7
	85	18.0	4.3	18.1	6.2	16.3	10.3	3.2	5.2	36.2	22.8
Managers, Officials, Proprietors	80	10.8	1.3	8.3	13.5	8.7	10.0	15.6	21.6	7.8	9.3
	85	11.0	1.3	8.3	12.4	8.9	10.5	15.6	22.2	8.0	9.1
Sales Workers	80	8.2	1.1	0.6	1.0	3.4	1.2	23.6	26.2	1.0	0.1
	85	8.4	1.3	0.5	1.1	3.4	1.1	23.6	26.5	1.1	-
Clerical Workers	80	19.5	3.5	11.7	7.8	13.3	23.8	17.0	42.3	21.6	33.3
	85	19.9	3.6	11.9	7.9	13.6	23.1	17.4	41.8	22.5	32.4
Crafts and Kindred Workers	80	12.2	3.6	23.4	54.2	19.9	22.1	6.0	1.2	6.0	7.7
	85	12.0	3.9	24.1	55.1	19.5	22.5	7.9	1.1	6.1	7.1
Operatives	80	12.1	3.9	34.5	8.2	34.9	22.8	9.4	0.3	3.6	2.5
	85	12.0	4.0	34.4	8.5	35.5	22.7	9.1	0.3	3.7	2.3
Service Workers	80	12.6	0.8	1.0	0.6	1.2	3.8	18.5	2.2	20.7	22.2
	85	12.9	0.8	0.9	0.5	1.0	4.2	18.9	2.1	20.6	23.3
Laborers, except Farm	80	3.5	13.9	2.0	8.4	2.0	5.2	4.6	0.8	1.8	3.2
	85	3.4	14.9	1.9	8.2	1.8	5.6	4.5	0.8	1.8	2.9
Farmers and Farm Workers	80	2.6	67.8	-	-	-	-	-	-	-	-
	85	2.3	66.1	-	-	-	-	-	-	-	-

a/ The percentages were computed from unrounded data.
Parts may not add to 100 percent due to rounding.

source: California Employment Development Department
Employment Data and Research Division

DETAILED OCCUPATIONAL EMPLOYMENT, CURRENT AND ANTICIPATED BY INDUSTRY DIVISION FOR CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES		AGRICULTURE, FORESTRY FISHERIES		MINING		CONSTRUCTION		MANUFACTURING	
		1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
1	TOTAL, ALL OCCUPATIONS	11070195	12486786	427435	441861	41013	43879	565676	605452	2104384	2352096
2	PROFESSIONAL, TECHNICAL, KINDRED	2038333	2244477	17068	18855	7640	7956	35446	37711	349107	382739
3	ENGINEERS, TECHNICAL	268555	300497	793	919	2565	2734	17191	18033	142806	156082
4	ENGINEERS, AERO-ASTRONAUTIC	21786	22368	0	0	0	0	0	0	19243	19454
5	ENGINEERS, CHEMICAL	5875	6692	0	0	93	89	401	408	3242	3563
6	ENGINEERS, CIVIL	31121	34344	375	468	142	156	11488	11634	1508	1444
7	ENGINEERS, ELECTRICAL	73989	83485	4	4	92	95	1450	1580	46043	51740
8	ENGINEERS, INDUSTRIAL	41883	47820	124	102	207	217	1274	1497	25873	28921
9	ENGINEERS, MECHANICAL	32995	35214	105	128	227	260	1391	1497	19272	20520
10	ENGINEERS, METALLURGICAL	2226	2508	0	0	18	22	66	88	1673	1790
11	ENGINEERS, MINING	474	602	0	0	136	162	80	109	23	9
12	ENGINEERS, PETROLEUM	1832	1863	4	0	1366	1414	7	0	203	208
13	ENGINEERS, SALES	7379	8117	6	9	70	87	290	308	2933	3066
14	ENGINEERS, OTHER	48997	57484	175	217	213	231	744	911	22795	25367
15	LIFE AND PHYSICAL SCIENTISTS	39393	44505	1301	1665	1542	1692	163	178	10582	11299
16	AGRICULTURAL SCIENTISTS	2608	3024	888	1119	0	0	32	31	108	113
17	ATMOSPHERIC, SPACE SCIENTISTS	1727	1965	0	0	0	0	0	0	372	419
18	BIOLOGICAL SCIENTISTS	6911	7785	339	476	0	0	18	24	770	881
19	CHEMISTS	15653	17994	74	70	309	348	6	6	7102	7542
20	GEOLOGISTS	3325	3733	0	0	1220	1330	64	70	238	260
21	MARINE SCIENTISTS	1482	1716	0	0	0	0	25	25	7	0
22	PHYSICISTS AND ASTRONOMERS	7575	8151	0	0	12	14	19	22	1937	2019
23	LIFE, PHYSICAL SCIENTISTS NEC	111	138	0	0	0	0	0	0	47	66
24	MATHEMATICAL SPECIALISTS	6487	7516	8	4	21	21	78	86	1674	1798
25	ACTUARIES	904	1134	0	0	0	0	0	0	0	0
26	MATHEMATICIANS	1955	2299	3	0	9	10	22	23	521	530
27	STATISTICIANS	3628	4083	5	4	12	12	55	64	1153	1268
28	ENGINEERS, SCIENCE TECHNICIANS	143722	163336	1801	1980	1225	1317	8035	8682	65529	72623
29	AGRI, BIOLOG TECH EXC HEALTH	5286	5785	1046	1170	7	6	175	156	2626	2892
30	CHEMICAL TECHNICIANS	5693	6234	0	0	238	238	74	79	3176	3436
31	DRAFTERS	50303	58294	302	295	337	379	4329	4720	19276	21350
32	ELECTRICAL, ELECTRONIC TECH	42865	48888	24	23	82	88	628	757	25310	29049
33	INDUSTRIAL ENGINEERING TECH	3318	3765	0	0	24	26	0	0	2670	2959
34	MATHEMATICAL TECHN	152	158	0	0	0	0	0	0	43	47
35	MECHANICAL ENGINEERING TECH	2753	3428	6	8	5	6	0	0	1834	2034
36	SURVEYORS	6755	8044	147	174	53	54	1327	1340	90	113
37	ENGINEERING, SCIENCE TECH NEC	26598	28740	276	309	479	520	1501	1629	10504	10741
38	MEDICAL WORKERS, EXC TECH	277763	316777	3162	3334	20	29	22	28	1655	2100
39	CHIROPRACTORS	5333	6217	0	0	0	0	0	0	0	0
40	DENTISTS	18570	20093	0	0	0	0	0	0	35	51
41	DIETITIANS	5088	5416	7	0	0	0	0	0	25	26
42	OPTOMETRISTS	6544	7876	0	0	0	0	0	0	0	0
43	PHARMACISTS	13495	15451	0	0	0	0	0	0	109	145
44	PHYSICIANS, MD OSTEOPATHS	58579	68260	4	0	0	0	0	0	253	407
45	PODIATRISTS	2163	2517	0	0	0	0	0	0	0	0
46	REGISTERED NURSES	142920	161086	20	0	20	29	22	28	1218	1450
47	THERAPISTS	19944	23443	0	0	0	0	0	0	0	0
48	VETERINARIANS	3700	4157	3131	3334	0	0	0	0	14	20
49	OTHER MEDICAL AND HEALTH	1427	2259	0	0	0	0	0	0	0	0
50	HEALTH TECHNOL AND TECH	63892	74184	98	71	3	0	0	0	1145	1298
51	CLINICAL LAB TECHNOL, TECH	25184	29349	9	7	0	0	0	0	63	87
52	DENTAL HYGIENISTS	6205	8986	0	0	0	0	0	0	33	56
53	HEALTH RECORD TECHNOL, TECH	1942	2188	0	0	0	0	0	0	0	0
54	RADIOLOGIC TECHNOL, TECH	13012	15232	0	0	0	0	0	0	5	0
55	THERAPY ASSISTANTS	496	527	0	0	0	0	0	0	2	0
56	OTHER HEALTH TECHNOL, TECH	17052	17902	89	64	3	0	0	0	1041	1155
57	TECHNICIANS, EXC HEALTH	32843	38314	1393	1710	120	150	286	352	2340	2899
58	AIRPLANE PILOTS	11356	12860	1295	1611	18	27	39	42	426	496
59	AIR TRAFFIC CONTROLLERS	3614	4318	0	0	0	0	0	0	0	0
60	EMBALMERS	1462	1520	0	0	0	0	0	0	0	0
61	FLIGHT ENGINEERS	1593	1836	0	0	0	0	0	0	315	417
62	RADIO OPERATORS	4624	5260	40	32	0	0	43	39	97	82
63	TOOL PROGRAMERS, NUMERICAL	479	547	0	0	0	0	0	0	393	449
64	OTHER TECHNICIANS EXC HEALTH	9515	11973	57	67	102	123	205	271	1108	1455
65	COMPUTER SPECIALISTS	74637	87037	42	40	244	239	871	926	25450	28497
66	COMPUTER PROGRAMERS	44351	51253	42	40	127	122	514	560	14453	16067
67	COMPUTER SYSTEMS ANALYSTS	25482	30203	0	0	87	89	306	314	9068	10341
68	OTHER COMPUTER SPECIALISTS	4805	5581	0	0	30	28	51	52	1929	2088
69	SOCIAL SCIENTISTS	36897	42797	52	26	121	130	225	232	6115	7031
70	ECONOMISTS	18277	21543	42	26	121	130	177	188	6073	7031
71	POLITICAL SCIENTISTS	80	65	0	0	0	0	0	0	0	0
72	PSYCHOLOGISTS	13044	14530	0	0	0	0	0	0	30	0
73	SOCIOLOGISTS	1001	1129	5	0	0	0	0	0	0	0
74	URBAN AND REGIONAL PLANNERS	3693	4450	4	0	0	0	46	45	11	0
75	OTHER SOCIAL SCIENTISTS	801	1080	0	0	0	0	2	0	1	0
76	TEACHERS	397720	389330	0	0	0	0	0	0	596	617
77	ADULT EDUCATION TEACHERS	7507	7831	0	0	0	0	0	0	574	602
78	COLLEGE AND UNIVERSITY TEACHERS*	66061	66229	0	0	0	0	0	0	0	0
87	ELEMENTARY SCHOOL TEACHERS	160566	158683	0	0	0	0	0	0	0	0
97	PRESCHOOL, KINDERGARTEN	27017	31988	0	0	0	0	0	0	0	0
99	SECONDARY SCHOOL TEACHERS	104653	95770	0	0	0	0	0	0	0	0
106	TEACHERS NEC, EXC COLL, UNIVER	31916	28830	0	0	0	0	0	0	23	15

*College and university teachers by subject have been aggregated into the single occupation "College and University teachers."

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985	
628296	680924	2556816	2941236	667551	790913	3523522	4027709	555502	602716	TOTAL, ALL OCCUPATIONS
65349	70034	83748	91396	35809	40837	1323865	1457778	120303	137169	PROFESSIONAL, TECHNICAL, KINDRED
19668	20975	9768	10737	1997	2419	54863	68334	18905	20265	ENGINEERS, TECHNICAL
282	255	33	34	0	0	1267	1453	961	1173	ENGINEERS, AERO-ASTRONAUTIC
190	244	169	180	0	0	1660	2077	119	131	ENGINEERS, CHEMICAL
2773	3058	233	253	295	317	8678	11286	5630	5730	ENGINEERS, CIVIL
10957	11712	1284	1315	51	59	10602	12970	3505	4010	ENGINEERS, ELECTRICAL
976	899	1034	1146	1295	1625	7359	9552	3742	3860	ENGINEERS, INDUSTRIAL
2265	2496	972	1034	37	40	7349	7709	1378	1531	ENGINEERS, MECHANICAL
10	10	23	27	0	0	336	436	99	135	ENGINEERS, METALLURGICAL
0	0	0	0	0	0	208	299	27	22	ENGINEERS, MINING
16	6	48	45	9	0	115	151	63	39	ENGINEERS, PETROLEUM
122	122	3670	4178	5	7	284	347	0	0	ENGINEERS, SALES
2077	2173	2303	2526	305	371	17006	22055	3380	3634	ENGINEERS, OTHER
746	751	846	947	76	98	19497	22478	4641	5398	LIFE AND PHYSICAL SCIENTISTS
0	0	134	136	10	0	721	786	714	839	AGRICULTURAL SCIENTISTS
40	40	0	0	0	0	837	1071	478	435	ATMOSPHERIC, SPACE SCIENTISTS
115	136	139	160	0	0	4614	4900	917	1207	BIOLOGICAL SCIENTISTS
272	262	437	474	50	73	6335	7785	1069	1434	CHEMISTS
33	33	123	165	16	25	1257	1462	375	388	GEOLOGISTS
286	279	0	0	0	0	666	884	498	527	MARINE SCIENTISTS
0	0	12	11	0	0	5009	5522	585	562	PHYSICISTS AND ASTRONOMERS
0	0	0	0	0	0	59	67	5	6	LIFE, PHYSICAL SCIENTISTS NEC
304	268	188	178	798	939	2583	3293	833	927	MATHEMATICAL SPECIALISTS
0	0	0	0	440	534	461	600	4	0	ACTUARIES
14	11	50	51	61	54	769	1016	506	605	MATHEMATICIANS
290	257	138	128	298	350	1353	1678	323	322	STATISTICIANS
8862	9567	3540	3783	511	572	43146	52888	11074	11925	ENGINEERS, SCIENCE TECHNICIANS
52	59	170	180	0	0	992	989	217	333	AGRI, BIOLOG TECH EXC HEALTH
136	160	104	103	0	0	1853	2113	111	104	CHEMICAL TECHNICIANS
2801	2793	1315	1474	329	345	18102	22800	3511	4136	DRAFTERS
3520	3892	1315	1385	21	24	8055	9422	3912	4246	ELECTRICAL, ELECTRONIC TECH
64	71	99	107	0	0	246	335	216	265	INDUSTRIAL ENGINEERING TECH
69	86	2	0	0	0	7	0	29	25	MATHEMATICAL TECHN
0	0	11	13	0	0	864	1331	32	36	MECHANICAL ENGINEERING TECH
788	913	25	29	112	144	3211	4500	1002	778	SURVEYORS
1431	1593	499	491	49	58	9815	11397	2044	2001	ENGINEERING, SCIENCE TECH NEC
317	397	12162	13908	312	413	256937	292065	3176	4504	MEDICAL WORKERS, EXC TECH
0	0	0	0	0	0	5333	6217	0	0	CHIROPRACTORS
0	0	21	10	0	0	18382	19851	132	181	DENTISTS
0	0	310	410	0	0	4655	4837	91	143	DIETITIANS
0	0	245	277	0	0	6299	7599	0	0	OPTOMETRISTS
0	0	11144	12665	0	0	2093	2387	148	253	PHARMACISTS
17	22	115	147	54	67	57386	66330	750	1287	PHYSICIANS, MD OSTEOPATHS
0	0	0	0	0	0	2163	2517	0	0	PODIATRISTS
300	375	229	293	214	287	139711	157076	1184	1549	REGISTERED NURSES
0	0	94	106	44	59	19077	22400	729	877	THERAPISTS
0	0	2	0	0	0	412	591	141	213	VETERINARIANS
0	0	0	0	0	0	1427	2259	0	0	OTHER MEDICAL AND HEALTH
111	101	223	238	10	0	61659	71358	643	1116	HEALTH TECHNOL AND TECH
14	15	50	54	0	0	24777	28746	271	440	CLINICAL LAB TECHNOL, TECH
0	0	0	0	0	0	6160	8913	12	17	DENTAL HYGIENISTS
0	0	0	0	0	0	1935	2188	7	0	HEALTH RECORD TECHNOL, TECH
6	0	0	0	0	0	12965	15190	37	42	RADIOLOGIC TECHNOL, TECH
0	0	4	0	0	0	488	527	2	0	THERAPY ASSISTANTS
91	86	170	184	10	0	15335	15795	313	618	OTHER HEALTH TECHNOL, TECH
10500	11357	1110	1294	182	225	8548	10556	8365	9770	TECHNICIANS, EXC HEALTH
7828	8597	139	156	102	141	959	1006	551	784	AIRPLANE PILOTS
0	0	0	0	0	0	0	0	3814	4318	AIR TRAFFIC CONTROLLERS
0	0	0	0	0	0	1458	1520	4	0	EMBALMERS
1105	1233	0	0	21	26	110	111	42	49	FLIGHT ENGINEERS
1003	855	92	93	31	28	440	435	2877	3696	RADIO OPERATORS
0	0	0	0	0	0	60	62	26	36	TOOL PROGRAMERS, NUMERICAL
563	673	879	1045	29	30	5521	7423	1051	887	OTHER TECHNICIANS EXC HEALTH
2403	2562	5054	5331	4951	5718	30024	37031	5598	6693	COMPUTER SPECIALISTS
1404	1470	3290	3527	3031	3460	18235	22122	3255	3885	COMPUTER PROGRAMERS
891	980	1427	1445	1739	2040	9849	12509	2114	2485	COMPUTER SYSTEMS ANALYSTS
108	113	336	359	181	218	1940	2400	229	323	OTHER COMPUTER SPECIALISTS
891	890	1448	1515	2036	2470	21381	24798	4627	5705	SOCIAL SCIENTISTS
874	867	1442	1515	1953	2406	6735	8470	859	909	ECONOMISTS
0	0	0	0	0	0	80	65	0	0	POLITICAL SCIENTISTS
16	23	0	0	4	0	12588	14030	406	477	PSYCHOLOGISTS
0	0	6	0	0	0	609	645	380	484	SOCIOLOGISTS
0	0	0	0	75	63	783	781	2773	3561	URBAN AND REGIONAL PLANNERS
0	0	0	0	4	0	585	805	209	275	OTHER SOCIAL SCIENTISTS
219	150	1287	1172	51	58	394823	386654	743	680	TEACHERS
46	43	262	256	44	58	6267	6559	313	313	ADULT EDUCATION TEACHERS
0	0	0	0	0	0	66061	66229	0	0	COLLEGE AND UNIVERSITY TEACHERS **
0	0	0	0	0	0	160566	158683	0	0	ELEMENTARY SCHOOL TEACHERS
0	0	0	0	0	0	26905	31831	112	156	PRESCHOOL, KINDERGARTEN
0	0	0	0	0	0	104653	95770	0	0	SECONDARY SCHOOL TEACHERS
172	107	1025	916	7	0	30371	27582	318	211	TEACHERS NEC, EXC COLL, UNIVER

DETAILED OCCUPATIONAL EMPLOYMENT, CURRENT AND ANTICIPATED BY INDUSTRY DIVISION FOR CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES		AGRICULTURE, FORESTRY, FISHERIES		MINING		CONSTRUCTION		MANUFACTURING	
		1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
107	WRITERS, ARTISTS, ENTERTAINERS	205928	231054	2778	3113	124	128	3122	3438	39531	43685
108	ACTORS	5699	6230	0	0	0	0	0	0	2	0
109	ATHLETES AND KINDRED WORKERS	13237	15743	2079	2410	0	0	7	0	5	0
110	AUTHORS	9615	9378	0	0	0	0	0	0	1194	1134
111	DANCERS	2858	3346	0	0	0	0	0	0	0	0
112	DESIGNERS	30366	33037	85	14	26	25	2259	2500	11674	12611
113	EDITORS AND REPORTERS	21892	25758	25	32	0	0	0	0	10380	12703
114	MUSICIANS AND COMPOSERS	26892	31185	0	0	0	0	0	0	141	167
115	PAINTERS AND SCULPTORS	35213	38786	0	0	0	0	431	497	5280	5024
116	PHOTOGRAPHERS	14133	14907	0	0	0	0	62	56	3048	3568
117	PUBLIC RELATIONS SPECIALISTS	21583	24555	86	77	98	103	290	329	2734	3034
118	RADIO, TV ANNOUNCERS	2800	3508	0	3	0	0	0	0	9	0
119	WRITERS, ARTISTS, ENTERTAIN NEC	22238	24621	503	579	0	0	72	62	5066	5444
120	OTHER PROFESSIONAL, TECHNICAL	490497	549129	5641	5993	1656	1515	5452	5756	51682	54811
121	ACCOUNTANTS	146843	163253	1258	1491	1201	1097	3765	4012	26189	28478
122	ARCHITECTS	12902	16489	1136	1088	0	0	586	701	246	306
123	ARCHIVISTS AND CURATORS	929	1002	0	0	0	0	0	0	0	0
124	CLERGY	23107	26318	0	0	0	0	0	0	4	0
125	RELIGIOUS WORKERS, EXC CLERGY	7597	9231	0	0	0	0	0	0	0	0
126	FARM MANAGEMENT ADVISORS	381	349	58	107	0	0	0	0	0	0
127	FORESTERS, CONSERVATIONISTS	4362	4712	2901	3085	0	0	4	3	143	134
128	HOME MANAGEMENT ADVISORS	354	319	0	0	0	0	0	0	73	58
129	JUDGES	1332	1332	0	0	0	0	0	0	0	0
130	LAWYERS	60612	67676	9	0	162	147	179	113	1052	889
131	LIBRARIANS	12438	13126	0	0	3	1	25	22	299	284
132	OPERATIONS, SYSTEMS RESEARCH	18691	21964	0	0	30	31	146	165	10997	12111
133	PERSONNEL LABOR RELATIONS	71390	82492	200	167	205	203	685	694	9871	10190
134	RESEARCH WORKERS, NEC	22919	22174	34	14	54	36	64	46	2698	2258
135	RECREATION WORKERS	26452	29823	45	42	0	0	0	0	14	0
136	SOCIAL WORKERS	61471	69160	0	0	0	0	0	0	0	0
137	VOCATIONAL, ED COUNSELORS	18716	19708	0	0	0	0	0	0	98	104
138	MANAGERS, OFFICIALS, PROPRIETORS	1199755	1375539	5708	5556	3402	3645	76544	74980	183362	208935
139	BUYERS, SALES, LOAN MANAGERS	239884	293614	785	889	600	666	4191	5110	39910	47448
140	BANK, FINANCIAL MANAGERS	72780	89073	29	26	49	46	249	270	2751	2982
141	CREDIT MANAGERS	7456	8299	0	0	27	32	72	60	1025	1127
142	BUYERS, SHIPPERS, FARM PROD	1817	2113	0	0	0	0	0	0	234	280
143	BUYERS, WHOLESALE, RETAIL	35643	45775	0	0	0	0	0	0	0	0
144	PURCHASING AGENTS, BUYERS, NEC	30838	36412	393	463	355	389	3078	3795	15556	18037
145	SALES MANAGER, RETAIL TRADE	37936	46516	0	0	0	0	0	0	0	0
146	SALES MANAGER, EXC RET TRADE	53414	65428	362	400	169	200	793	984	20344	25022
147	ADMINISTRATORS, PUB INSPECTORS	96268	103051	0	0	0	0	221	221	0	0
148	ASSESS, CONTROL, LOC PUB ADMIN	2897	3007	0	0	0	0	0	0	0	0
149	CONSTRUCTION INSPECTOR, PUB	3912	4453	0	0	0	0	0	0	0	0
150	HEALTH ADMINISTRATORS	17006	18961	0	0	0	0	0	0	0	0
151	INSPECTORS, EXC CONSTRUCT PUB	10958	11645	0	0	0	0	0	0	0	0
152	OFFICIALS, ADMINS, PUB	28134	29462	0	0	0	0	221	221	0	0
153	POSTMASTERS AND MAIL SUPER	1371	1349	0	0	0	0	0	0	0	0
154	SCHOOL ADMIN, COLLEGE	5627	5503	0	0	0	0	0	0	0	0
155	SCHOOL ADMIN, ELEM, SECONDARY	26362	28671	0	0	0	0	0	0	0	0
156	OTHER MANAGERS, OFFICIALS, PROPS	863603	978673	4924	4668	2802	2979	72132	69648	143453	161487
157	FUNERAL DIRECTORS	1660	1688	0	0	0	0	0	0	0	0
158	MGRS, SUPERINTENDANTS, BLDG	34994	43768	12	15	33	49	324	405	115	137
159	OFFICE MANAGERS, NEC	50259	61923	604	602	147	177	1915	2277	7039	8284
160	OFFICERS, PILOTS, PURSERS, SHIP	2636	2820	275	346	22	25	130	168	82	64
161	OFFICIALS OF LODGES, UNIONS	17046	18899	0	0	0	0	0	0	0	0
162	RAILROAD CONDUCTORS	2157	2564	0	0	0	0	0	0	0	0
163	RESTAURANT, CAFE, BAR MGRS	58909	65347	6	11	0	0	16	12	85	87
164	OTHER MGRS, ADMINISTRATORS	695941	781864	4027	3693	2599	2727	69747	66786	136132	152914
165	SALES WORKERS	902944	1050182	4837	5558	253	203	5494	6856	70987	80846
166	ADVERTISING AGENTS, SALES WKRS	12418	16125	4	0	12	13	5	0	3393	4120
167	AUCTIONEERS	634	712	18	8	0	0	0	0	5	0
168	DEMONSTRATORS	6044	7088	0	0	0	0	0	0	6	0
169	HUCKSTERS AND PEDDLERS	20544	19687	0	0	0	0	0	0	0	0
170	INSURANCE AGENTS, BROKERS, ETC	69783	82896	0	0	0	0	0	0	0	0
171	NEWSPAPER CARRIERS AND VENDORS	6415	6192	0	0	0	0	0	0	5241	5190
172	REAL ESTATE AGENTS, BROKERS	91502	111817	0	0	0	0	0	0	0	0
173	SALES REPRES, STOCK AND BONDS	13057	14130	0	0	0	0	0	0	0	0
174	SALES WORKERS, NEC	682548	791536	4814	5550	241	190	5490	6856	62342	71536
179	CLERICAL WORKERS	2160811	2486736	14839	15964	4795	5173	44394	47884	280891	319156
180	STENOGRAPHERS, TYPISTS, SECRE	690821	816745	5455	5945	1690	1765	15512	16942	99810	117819
181	SECRETARIES, LEGAL	25855	34236	0	0	43	52	48	58	209	258
182	SECRETARIES, MEDICAL	15960	21204	0	0	0	0	0	0	52	192
183	SECRETARIES, OTHER	470570	567513	4697	5151	1224	1329	12658	13928	80281	96702
184	STENOGRAPHERS	12260	10888	64	60	45	25	325	212	792	532
185	TYPISTS	166177	182903	694	735	328	359	2480	2744	18476	20135
186	OFFICE MACHINE OPERATORS	91438	91922	78	32	407	363	885	895	16892	15857
187	BOOKKEEPING, BILLING OPERATORS	7766	9213	0	0	12	9	161	198	654	815
188	CALCULATING MACHINE OPERATORS	3999	4558	3	0	26	24	14	18	521	465
189	COMPUTER, PERIPHERAL EQUIP	37574	41440	30	11	223	207	307	311	8296	8611
190	DUPLICATING MACHINE OPERATORS	4746	5089	4	3	18	19	93	104	1202	1168
191	KEYPUNCH OPERATORS	31153	25515	32	17	127	102	271	237	5269	4133
192	TABULATING MACHINE OPERATORS	335	247	0	0	1	1	0	0	88	67
193	OTHER OFFICE MACHINE OPERATORS	5865	5860	9	0	0	0	39	27	861	799
194	OTHER CLERICAL WORKERS	1378552	1578068	9305	9987	2748	3045	27997	30047	164189	185480
195	BANK TELLERS	52582	58767	0	0	0	0	0	0	0	0
196	BILLING CLERKS	20250	25688	30	22	85	102	369	464	4276	5356
197	BOOKKEEPERS, ACCOUNT CLERKS	257496	284326	5392	5883	870	939	9936	9812	36942	41931
198	CASHIERS	152829	186225	166	183	23	30	120	150	942	1099

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985	
9154	10681	23320	26546	2786	3194	119852	133404	5261	6866	WRITERS, ARTISTS, ENTERTAINERS
157	154	269	378	0	0	5271	5699	0	0	ACTORS
8	3	604	701	0	0	10076	11883	459	745	ATHLETES AND KINDRED WORKERS
145	144	27	36	0	0	7445	7794	203	270	AUTHORS
3	0	1882	2262	0	0	970	1084	2	0	DANCERS
779	912	4548	5125	187	224	10325	10999	485	628	DESIGNERS
1755	2203	943	1041	166	181	7941	8798	683	799	EDITORS AND REPORTERS
150	140	7918	9153	0	0	18561	21615	123	111	MUSICIANS AND COMPOSERS
273	241	2488	2784	0	0	26136	29429	604	811	PAINTERS AND SCULPTORS
277	353	282	266	40	54	9703	9664	721	952	PHOTOGRAPHERS
2173	2364	2217	2464	2207	2511	10429	11865	1351	1809	PUBLIC RELATIONS SPECIALISTS
2617	3295	16	0	0	0	159	213	0	0	RADIO, TV ANNOUNCERS
817	872	2128	2336	186	224	12834	14363	632	741	WRITERS, ARTISTS, ENTERTAIN NEC
12175	12335	24802	25749	22100	24732	310551	354918	56438	63320	OTHER PROFESSIONAL, TECHNICAL
6022	6230	15317	16184	13303	14862	63656	73869	16133	17030	ACCOUNTANTS
55	48	122	130	158	198	10028	13171	571	846	ARCHITECTS
0	0	190	206	0	0	713	782	25	14	ARCHIVISTS AND CURATORS
0	0	0	0	8	0	22994	26178	101	141	CLERGY
0	0	0	0	0	0	7594	9231	3	0	RELIGIOUS WORKERS, EXC CLERGY
0	0	0	0	0	0	319	242	3	0	FARM MANAGEMENT ADVISORS
209	260	13	13	0	0	104	84	989	1134	FORESTERS, CONSERVATIONISTS
128	114	43	34	0	0	105	109	5	4	HOME MANAGEMENT ADVISORS
0	0	0	0	0	0	0	0	1332	1332	JUDGES
555	532	368	352	1902	1926	46761	53014	9624	10703	LAWYERS
42	46	137	170	79	98	11466	12026	388	479	LIBRARIANS
803	811	664	744	1023	1287	3321	4537	1707	2278	OPERATIONS, SYSTEMS RESEARCH
4219	4190	7541	7609	4658	5472	35227	43031	8785	10936	PERSONNEL LABOR RELATIONS
107	63	394	302	799	707	17937	18057	832	690	RESEARCH WORKERS, NEC
0	0	0	0	74	74	20768	23656	5552	6052	RECREATION WORKERS
21	23	0	0	65	76	51729	58070	9657	10992	SOCIAL WORKERS
16	17	11	6	33	32	17829	18860	729	691	VOCATIONAL, ED COUNSELORS
62894	71725	398118	458034	144339	175861	273803	321887	51585	54917	MANAGERS, OFFICIALS, PROPRIETORS
4030	4347	99878	122754	71479	87992	16080	21183	2933	3225	BUYERS, SALES, LOAN MANAGERS
281	263	1803	2008	65009	80185	2490	3142	119	151	BANK, FINANCIAL MANAGERS
97	92	3959	4356	1385	1553	892	1079	0	0	CREDIT MANAGERS
0	0	1583	1833	0	0	0	0	0	0	BUYERS, SHIPPERS, FARM PROD
0	0	35643	45775	0	0	0	0	0	0	BUYERS, WHOLESALE, RETAIL
1290	1279	0	0	1074	1339	6420	8181	2673	2929	PURCHASING AGENTS, BUYERS, NEC
0	0	37936	46516	0	0	0	0	0	0	SALES MANAGER, RETAIL TRADE
2363	2714	18954	22267	4011	4915	6278	8780	141	145	SALES MANAGER, EXC RET TRADE
0	0	0	0	0	0	48996	53135	47051	49695	ADMINISTRATORS, PUB INSPECTORS
0	0	0	0	0	0	0	0	2897	3007	ASSESS, CONTROL, LOC PUB ADMIN
0	0	0	0	0	0	0	0	3912	4453	CONSTRUCTION INSPECTOR, PUB
0	0	0	0	0	0	17006	18961	0	0	HEALTH ADMINISTRATORS
0	0	0	0	0	0	0	0	10958	11645	INSPECTORS, EXC CONSTRUCT PUB
0	0	0	0	0	0	0	0	27913	29240	OFFICIALS, ADMINS, PUB
0	0	0	0	0	0	0	0	1371	1349	POSTMASTERS AND MAIL SUPER
0	0	0	0	0	0	5627	5503	0	0	SCHOOL ADMIN, COLLEGE
0	0	0	0	0	0	26362	28671	0	0	SCHOOL ADMIN, ELEM, SECONDARY
58864	67378	298240	335280	72860	87869	208728	247569	1602	1996	OTHER MANAGERS, OFFICIALS, PROPS
0	0	0	0	0	0	1660	1688	4	0	FUNERAL DIRECTORS
92	110	147	189	32204	40194	1654	2119	413	550	MGRS, SUPERINTENDANTS, BLDG
3324	3718	12107	14238	7246	9352	16802	21930	1076	1345	OFFICE MANAGERS, NEC
1550	1576	54	53	44	61	415	476	64	52	OFFICERS, PILOTS, PURSERS, SHIP
0	0	0	0	0	0	17046	18899	0	0	OFFICIALS OF LODGES, UNIONS
2157	2564	0	0	0	0	0	0	0	0	RAILROAD CONDUCTORS
53	49	53401	59551	6	7	5314	5601	28	28	RESTAURANT, CAFE, BAR MGRS
51688	59361	232532	261248	33360	38255	165836	196856	22	22	OTHER MGRS, ADMINISTRATORS
7323	7617	604598	693590	175093	209851	33770	45220	591	441	SALES WORKERS
2217	2747	717	737	98	128	5971	8381	0	0	ADVERTISING AGENTS, SALES WKRS
0	0	383	455	12	14	216	234	0	0	AUCTIONEERS
39	44	5101	5436	0	0	898	1608	0	0	DEMONSTRATORS
0	0	20132	19418	0	0	412	269	0	0	HUCKSTERS AND PEDDLERS
0	0	0	0	69783	82896	0	0	0	0	INSURANCE AGENTS, BROKERS, ETC
0	0	1174	1002	0	0	0	0	0	0	NEWSPAPER CARRIERS AND VENDORS
0	0	0	0	91502	111817	0	0	0	0	REAL ESTATE AGENTS, BROKERS
0	0	0	0	13057	14130	0	0	0	0	SALES REPRES, STOCK AND BONDS
5067	4826	577090	666542	642	866	26272	34728	591	441	SALES WORKERS, NEC
149715	157137	435472	511062	282644	330771	762832	904582	185229	195006	CLERICAL WORKERS
29004	33016	73018	85807	91855	110411	320553	384689	53973	60350	STENOGRAPHERS, TYPISTS, SECRE
132	155	81	104	509	662	23817	31697	1016	1251	SECRETARIES, LEGAL
17	14	82	117	27	14	15722	20795	60	72	SECRETARIES, MEDICAL
17345	20627	57320	68447	67617	83167	204842	247068	24586	31095	SECRETARIES, OTHER
681	489	501	419	1070	857	4683	4597	4079	3696	STENOGRAPHERS
10830	11731	15034	16720	22612	25711	71489	80533	24233	24236	TYPISTS
4962	4261	12794	12421	16507	18056	29721	31593	9192	8446	OFFICE MACHINE OPERATORS
199	172	1347	1532	3981	5050	1316	1569	96	68	BOOKKEEPING, BILLING OPERATORS
168	134	1726	2090	792	954	606	771	143	103	CALCULATING MACHINE OPERATORS
2389	2418	3679	3632	5683	6582	12887	15197	4081	4472	COMPUTER, PERIPHERAL EQUIP
109	84	294	309	267	282	2468	2868	293	250	DUPLICATING MACHINE OPERATORS
1890	1287	4602	3818	4668	4051	10176	8799	4117	3070	KEYPUNCH OPERATORS
25	14	62	40	61	36	71	65	27	24	TABULATING MACHINE OPERATORS
182	151	1084	1000	1056	1100	2188	2324	435	459	OTHER OFFICE MACHINE OPERATORS
115749	119860	349660	412834	174282	202304	412558	488330	122063	126210	OTHER CLERICAL WORKERS
0	0	0	0	52582	58767	0	0	0	0	BANK TELLERS
2266	2551	6699	8412	740	914	5550	7611	234	256	BILLING CLERKS
12176	13633	83632	92247	26351	27822	73919	85535	8278	7025	BOOKKEEPERS, ACCOUNT CLERKS
2574	2804	123684	152077	3238	3436	20300	24544	1781	1903	CASHIERS

DETAILED OCCUPATIONAL EMPLOYMENT, CURRENT AND ANTICIPATED BY INDUSTRY DIVISION FOR CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES		AGRICULTURE, FORESTRY FISHERIES		MINING		CONSYRUCTION		MANUFACTURING	
		1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
199	CLERICAL ASSIST, SOC WELFARE	3540	4104	0	0	0	0	0	0	4	0
200	CLERICAL SUPERVISORS, NEC	23719	26924	11	12	47	52	215	245	1687	1876
201	COLLECTORS, BILL AND ACCOUNT	11051	12837	0	0	8	0	47	51	184	174
202	COUNTER CLERKS, EXC FOOD	43790	52346	160	206	17	19	133	164	5532	6562
203	DISPATCHER, STARTER, VEHICLE	10745	12599	13	12	141	155	299	363	858	944
204	ENUMERATORS AND INTERVIEWERS	6172	6878	0	0	0	0	0	0	83	94
205	ESTIMATORS, INVESTIGATORS, NEC	61107	65953	276	207	177	172	9134	9515	5730	5497
206	EXPEDITORS, PROD CONTROLLERS	37033	43287	3	2	183	203	1169	1478	24776	28594
207	FILE CLERKS	53450	59332	250	295	191	220	601	683	6814	7452
208	INSURANCE ADJUST, EXAM	23811	28515	0	0	0	0	0	0	45	47
209	LIBRARY ATTENDANTS, ASSISTANT	19244	19197	5	3	0	0	15	14	142	108
210	MAIL CARRIERS, POST OFFICE	26403	27271	0	0	0	0	0	0	0	0
211	MAIL HANDLER, EXC POST OFFICE	18774	21726	9	0	97	100	254	300	3225	3576
212	MESSENGERS AND OFFICE HELPERS	6144	6041	22	11	0	0	170	184	746	737
213	METER READERS, UTILITIES	2860	2823	0	0	0	0	0	0	0	0
214	PAYROLL, TIME KEEPING CLERKS	21443	23177	775	952	103	114	1273	1388	5610	5803
215	POSTAL CLERKS	28843	27997	0	0	0	0	0	0	0	100
216	PROOFREADERS	2485	3187	0	0	0	0	0	0	2485	3187
217	REAL ESTATE APPRAISERS	6466	7528	0	0	11	11	260	315	0	0
218	RECEPTIONISTS	70771	80760	1075	868	57	56	661	748	3312	3519
219	SHIPPING, RECEIVING CLERKS	61567	70108	176	163	115	139	298	347	23832	26614
220	STATISTICAL CLERKS	41559	45821	222	229	92	100	461	528	6184	6713
221	STOCK CLERKS, STORE KEEPERS	61842	69137	261	328	91	94	1011	1240	14943	15980
222	TEACHERS AIDES, EXC MONITORS	74220	81735	0	0	0	0	0	0	0	0
223	TELEGRAPH MESSENGERS	320	212	0	0	0	0	0	0	0	0
224	TELEGRAPH OPERATORS	633	584	0	0	0	0	0	0	4	0
225	TELEPHONE OPERATORS	51654	51060	32	19	133	155	231	255	2710	2772
226	TICKET STATION, EXPRESS AGENTS	15249	16195	0	0	0	0	0	0	0	0
227	WEIGHERS	3564	3646	258	291	90	91	166	196	1816	1658
228	MISC CLERICAL WORKERS, NEC	106938	152083	168	211	217	291	1173	1607	11312	15589
229	CRAFTS AND KINDRED WORKERS	1353833	1503689	15547	17179	9577	10578	306870	333602	417859	458871
230	CONSTRUCTION CRAFTS WORKERS	362734	399607	4615	5432	2163	2477	244149	265561	44238	49013
231	CARPENTERS	102190	111212	1280	1564	86	104	72204	76935	13576	15400
233	BRICKMASONS AND STONEMASONS	8289	8423	50	33	32	28	7341	7511	581	565
235	BULLDOZER OPERATORS	10084	11666	894	872	209	235	4550	5548	1756	1933
236	CEMENT AND CONCRETE FINISHERS	14658	18043	18	23	0	0	13748	16773	453	336
237	ELECTRICIANS	66968	72319	632	794	524	595	35129	38580	13547	14397
239	EXCAVATING, GRADING, MACH OP	25028	28019	529	603	835	918	19489	21555	931	961
240	FLOOR LAYERS, EXC TILE SETTERS	1548	1649	0	0	0	0	1136	1241	133	171
241	PAINTERS, CONSTRUCTION, MAINT	51887	55931	329	427	66	71	30185	29923	4629	5253
243	PAPERHANGERS	1417	1644	0	0	0	0	1367	1604	5	0
244	PLASTERERS	6241	5882	3	0	0	0	5857	5434	31	39
246	PLUMBERS AND PIPEFITTERS	48438	55265	878	1097	411	526	31066	34746	6166	7353
248	ROOFER AND SLATERS	11968	13612	3	0	0	0	11737	13400	117	118
249	STRUCTURAL METAL CRAFT	8591	10108	0	0	0	0	5809	7310	2348	2315
250	TILESETTERS	5425	5834	0	0	0	0	4530	4994	165	172
251	BLUE COLLAR WKRS SUPVR, NEC	210206	236324	4663	4707	2869	3218	19779	20643	103589	116792
252	METAL CRAFTS WORKERS, EXC MECH	134236	146024	63	27	444	565	10069	11259	108529	119494
253	BLACKSMITHS	889	780	13	3	1	0	14	12	181	148
254	BOILERMAKERS	3103	3703	0	0	40	52	367	410	1796	2036
255	HEAT TREATERS, ANNEALERS, ETC	1231	1216	0	0	0	0	3	0	1198	1177
256	FORGE AND HAMMER OPERATORS	1478	1575	0	0	7	3	9	5	1424	1537
257	JOB AND DIE SETTERS, METAL	3684	4385	0	0	7	8	0	0	3851	4350
258	MACHINISTS	62365	68058	47	24	349	451	756	892	51605	55763
260	MILLWRIGHTS	4983	5284	3	0	21	26	693	748	3703	3918
261	MOLDERS, METAL	5188	5384	0	0	0	0	0	0	5188	5384
263	PATTERN AND MODEL MAKERS	4208	4913	0	0	0	0	42	52	3451	3833
264	ROLLERS AND FINISHERS, METAL	858	881	0	0	0	0	2	0	856	881
265	SHEET METAL WORKERS, TINSMITHS	23407	24968	0	0	0	0	8179	9140	11659	12028
267	TOOL, DIEMAKERS	22642	24877	0	0	20	23	4	0	21619	23788
269	MECHANICS, REPAIRERS, INSTAL	372418	425865	5054	5695	2616	2765	15180	17158	72029	81218
270	AIR COND, HEATING, REFRIG	18450	23820	32	27	0	0	5513	6894	2287	2940
271	AIRCRAFT MECHANICS	29889	33109	81	43	11	14	0	0	9363	11241
272	AUTO ACCESSORIES INSTALR	1619	1772	0	0	9	9	2	0	17	14
273	AUTO BODY REPAIRERS	15111	17391	0	0	0	0	7	8	142	140
274	AUTO MECHANICS	119119	135679	416	347	427	418	877	869	4830	4538
276	DATA PROCESSING MACH REPAIRERS	11627	16443	0	0	11	14	8	0	4084	4704
277	FARM IMPLEMENT	4656	5643	1102	1519	0	0	0	0	120	170
278	HEAVY EQUIP MECH, INCL DIESEL	85670	97917	3354	3718	1898	2038	6581	6923	40503	43509
279	HOUSEHOLD APPLIANCE MECHANICS	21446	24519	0	0	0	0	1419	1635	1722	1873
281	OFFICE MACHINE REPAIRERS	7316	9500	0	0	0	0	0	0	634	831
282	RADIO, TELEVISION REPAIRERS	19833	24462	8	9	26	36	151	149	2575	3936
283	RAILROAD, CAR SHOP REPAIRERS	3410	3613	0	0	14	16	0	0	114	158
284	OTHER MECHANICS	34273	37997	61	33	224	219	621	729	5640	6065
286	PRINTING TRADE CRAFTS WORKERS	42292	44932	0	0	19	19	141	137	36617	39304
287	BOOKBINDERS	3496	3749	0	0	0	0	0	0	3110	3423
288	COMPOSITORS AND TYPESETTERS	12452	12127	0	0	0	0	40	39	10715	10484
289	ELECTROTYPERS, STEREOTYPERS	413	393	0	0	0	0	2	0	402	393
290	ENGRAVERS EXC PHOTOENGRAVERS	868	818	0	0	0	0	22	23	592	532
291	PHOTOENGRAVERS, LITHOGRAPHERS	5532	6365	0	0	0	0	6	0	5205	6109
292	PRESS WKRS AND PLATE PRINTERS	19531	21481	0	0	19	19	71	75	16593	18352
295	TRANSPORTATION, PUB UTIL CRAFT	55509	59871	15	16	79	89	1470	1538	3377	3933
296	ELEC PWR LINE INSTAL, REPAIRERS	8679	9348	0	0	10	4	802	810	64	61
297	LOCOMOTIVE ENGINEERS	3150	3751	0	0	0	0	0	0	96	113
298	LOCOMOTIVE ENGINEERS HELPERS	155	124	0	0	0	0	0	0	17	17
299	POWER STATION OPERATORS	1316	1386	0	0	0	0	8	6	77	62
300	TELEPHONE INSTALLERS, REPAIRERS	35704	38711	15	16	56	66	562	618	3038	3578
301	TELEPHONE LINE INSTAL, SPLICERS	6503	6550	0	0	4	0	97	103	86	102

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985	
0	0	0	0	0	0	3540	4104	0	0	CLERICAL ASSIST. SOC WELFARE
2572	2644	3436	2895	3974	4956	6295	8235	6482	6008	CLERICAL SUPERVISORS, NEC
572	509	1654	2072	4321	5111	3956	4814	111	106	COLLECTORS, BILL AND ACCOUNT
1596	1646	14095	16693	413	496	21392	25967	453	593	COUNTER CLERKS, EXC FOOD
3759	4061	2393	2940	108	136	2261	3049	913	940	DISPATCHER, STARTER, VEHICLE
0	0	6	0	0	0	3386	4796	2696	1988	ENUMERATORS AND INTERVIEWERS
5829	5004	9697	10094	12194	13372	11815	14003	6255	7997	ESTIMATORS, INVESTIGATORS, NEC
1847	1842	3041	3712	681	820	2299	3181	3034	3454	EXPEDITORS, PROD CONTROLLERS
3626	3878	7503	8221	9185	10327	18525	20955	6754	7302	FILE CLERKS
41	37	18	15	22320	27097	1268	1202	118	116	INSURANCE ADJUST, EXAM
21	13	132	116	126	127	18618	18613	193	203	LIBRARY ATTENDANTS, ASSISTANT
0	0	0	0	0	0	0	0	26403	27271	MAIL CARRIERS, POST OFFICE
1389	1405	3226	3679	2893	3330	6584	8206	1097	1130	MAIL HANDLER, EXC POST OFFICE
459	406	650	648	914	791	2898	2953	285	311	MESSENGERS AND OFFICE HELPERS
2860	2823	0	0	0	0	0	0	0	0	METER READERS, UTILITIES
2734	2862	2953	3333	929	876	4680	5441	2187	2409	PAYROLL, TIME KEEPING CLERKS
0	0	0	0	0	0	0	0	28843	27897	POSTAL CLERKS
0	0	0	0	0	0	0	0	0	0	PROOFREADERS
43	48	20	8	4229	5258	263	320	1640	1568	REAL ESTATE APPRAISERS
957	961	4687	5323	2931	3555	55150	63261	1941	2450	RECEPTIONISTS
6520	7589	26163	30366	232	274	2920	3342	1313	1273	SHIPPING, RECEIVING CLERKS
7143	6973	4432	5127	6390	7042	10544	12616	6088	6491	STATISTICAL CLERKS
2629	2187	27144	30865	951	1209	9977	12238	4836	4996	STOCK CLERKS, STORE KEEPERS
0	0	0	0	0	0	74113	81634	107	101	TEACHERS AIDES, EXC MONITORS
320	212	0	0	0	0	0	0	0	0	TELEGRAPH MESSENGERS
589	572	6	0	0	0	34	12	0	0	TELEGRAPH OPERATORS
25390	22801	4362	4778	1775	1657	15693	17586	1328	1036	TELEPHONE OPERATORS
15249	16195	0	0	0	0	0	0	0	0	TICKET STATION, EXPRESS AGENTS
254	267	664	747	4	0	243	321	69	75	WEIGHERS
12333	15938	20163	28469	16603	24930	36143	53741	8625	11309	MISC CLERICAL WORKERS, NEC
139150	153181	204317	232304	7821	8995	210110	245968	42581	43010	CRAFTS AND KINDRED WORKERS
13077	14326	10592	11743	3489	4414	30004	35426	10408	11216	CONSTRUCTION CRAFTS WORKERS
1605	1952	2759	2968	920	1176	7852	8856	1908	2237	CARPENTERS
38	36	71	49	31	40	93	116	52	46	BRICKMASONS AND STONEMASONS
869	793	938	1230	114	145	477	618	277	292	BULLDOZER OPERATORS
25	14	57	56	13	20	420	638	123	184	CEMENT AND CONCRETE FINISHERS
5628	5984	1601	1618	222	258	5941	6327	3745	3760	ELECTRICIANS
1152	1255	202	224	89	113	1132	1361	669	829	EXCAVATING, GRADING, MACH OP
0	0	250	222	8	9	17	5	4	0	FLOOR LAYERS, EXC TILE SETTERS
938	943	2206	2645	1694	2127	9978	12797	1862	1746	PAINTERS, CONSTRUCTION, MAINT
0	0	13	4	13	15	20	20	0	0	PAPERHANGERS
0	0	45	42	0	0	266	305	39	62	PLASTERERS
2718	3252	1634	1912	351	463	3504	3856	1709	2061	PLUMBERS AND PIPEFITTERS
0	0	46	28	27	42	29	24	8	0	ROOFER AND SLATERS
102	98	138	155	6	5	183	224	5	0	STRUCTURAL METAL CRAFT
0	0	631	589	0	0	92	79	6	0	TILESETTERS
22632	27503	34172	38811	1718	1747	14909	17493	5875	6030	BLUE COLLAR WKRS SUPVR, NEC
3129	3272	4885	5540	8	6	5812	6880	3296	3631	METAL CRAFTS WORKERS, EXC MECH
24	13	15	4	8	6	614	576	19	18	BLACKSMITHS
393	556	112	130	0	0	356	489	40	30	BOILERMAKERS
0	0	0	0	0	0	30	39	0	0	HEAT TREATERS, ANNEALERS, ETC
26	19	12	10	0	0	0	0	0	0	FORGE AND HAMMER OPERATORS
6	3	0	0	0	0	20	24	0	0	JOB AND DIE SETTERS, METAL
1796	1834	3118	3533	0	0	3423	4173	1270	1387	MACHINISTS
181	207	257	279	0	0	96	98	29	7	MILLWRIGHTS
0	0	0	0	0	0	0	0	0	0	MOLDERS, METAL
7	0	88	100	0	0	198	279	422	649	PATTERN AND MODEL MAKER,
0	0	0	0	0	0	0	0	0	0	ROLLERS AND FINISHERS, METAL
640	576	910	1023	0	0	664	765	1355	1436	SHEET METAL WORKERS, TINSMITHS
54	62	372	462	0	0	411	437	163	105	TOOL, DIEMAKERS
40707	45062	102676	117004	1256	1492	113519	137116	19180	18355	MECHANICS, REPAIRERS, INSTAL
1288	1660	3569	4736	264	386	4234	5453	1264	1775	AIR COND, HEATING, REFRIG
14386	16757	556	629	0	0	612	637	4880	3769	AIRCRAFT MECHANICS
0	0	439	476	0	0	1145	1273	3	0	AUTO ACCESSORIES INSTALR
107	90	4521	5065	0	0	10232	11981	103	107	AUTO BODY REPAIRERS
9113	10010	50230	56266	51	44	49672	59732	3502	3454	AUTO MECHANICS
123	148	1900	2488	141	226	5209	7653	150	209	DATA PROCESSING MACH REPAIRERS
26	35	2299	2270	0	0	1106	1649	3	0	FARM IMPLEMENT
3793	3966	12883	13342	429	427	11874	13522	4355	4373	HEAVY EQUIP MECH, INCL DIESEL
5095	5333	6694	7795	80	85	6244	7637	192	161	HOUSEHOLD APPLIANCE MECHANICS
115	144	3630	4713	209	242	2568	3350	160	221	OFFICE MACHINE REPAIRERS
1359	1666	5245	6425	4	0	8460	10425	2005	1814	RADIO, TELEVISION REPAIRERS
3159	3277	24	27	0	0	84	94	36	41	RAILROAD, CAR SHOP REPAIRERS
2141	1976	10886	12772	79	82	12101	13710	2521	2411	OTHER MECHANICS
228	251	1348	1352	370	362	2707	2554	862	954	PRINTING TRADE CRAFTS WORKERS
3	0	40	31	15	7	281	239	48	49	BOOKBINDERS
107	118	377	351	134	129	875	747	284	257	COMPOSITORS AND TYPESETTERS
0	0	7	0	0	0	1	0	0	0	ELECTROTYPERS, STEREOTYPERS
0	0	228	243	0	0	9	1	17	19	ENGRAVERS EXC PHOTOENGRAVERS
0	0	96	84	0	0	176	104	48	68	PHOTOENGRAVERS, LITHOGRAPHERS
117	133	600	643	221	226	1366	1462	544	561	PRESS WKRS AND PLATE PRINTERS
47238	49998	1066	1241	18	20	1545	2109	689	927	TRANSPORTATION, PUB UTIL CRAFT
7554	8174	73	93	3	0	50	44	124	163	ELEC PWR LINE INSTAL, REPAIRERS
3017	3612	10	11	0	0	9	0	18	14	LOCOMOTIVE ENGINEERS
138	108	0	0	0	0	0	0	0	0	LOCOMOTIVE ENGINEERS HELPERS
1071	1034	38	59	0	0	7	0	117	224	POWER STATION OPERATORS
29328	30948	926	1036	15	20	1351	1902	413	511	TELEPHONE INSTALLERS, REPAIRERS
6129	6122	39	46	0	0	128	163	18	13	TELEPHONE LINE INSTAL, SPLICERS

DETAILED OCCUPATIONAL EMPLOYMENT, CURRENT AND ANTICIPATED BY INDUSTRY DIVISION FOR CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES		AGRICULTURE, FORESTRY FISHERIES		MINING		CONSTRUCTION		MANUFACTURING	
		1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
302	OTHER CRAFTS, KINDRED WORKERS	176438	191066	1138	1301	1392	1445	16083	17307	51479	54367
303	BAKERS	14455	15321	0	0	0	0	0	0	4495	4680
304	CABINETMAKERS	12400	12829	0	0	0	0	486	422	6366	8831
305	CARPET INSTALLERS	10650	11500	0	0	0	0	5599	5794	225	260
306	CRANE, DERRICK, AND HOIST OPR	11653	13531	432	607	399	475	2253	2418	5533	6768
307	DECORATORS, WINDOW DRESSERS	16422	19814	157	95	0	0	59	81	353	474
308	DENTAL LABORATORY TECH	7184	7384	0	0	0	0	0	0	593	760
309	FURNITURE AND WOOD FINISH	3060	3221	0	0	0	0	0	0	1004	884
310	FURRIERS	190	179	0	0	0	0	0	0	63	53
311	GLAZIERS	6998	8304	3	0	0	0	2568	3173	741	837
312	INSPECTORS, LOG AND LUMBER	2651	2559	65	70	0	0	0	0	2365	2391
313	INSPECTORS, OTHER	14001	14435	200	197	156	175	2490	2619	1654	1840
314	JEWELERS AND WATCHMAKERS	4704	5422	0	0	0	0	0	0	588	1400
315	MILLERS, GRAIN, FLOUR, FEED	413	489	0	0	0	0	0	0	413	489
316	MOTION PICTURE PROJECTIONISTS	3465	3994	0	0	0	0	0	0	0	0
317	OPTICIANS, LENS GRINDR, POLISHR	7617	9578	0	0	0	0	0	0	2468	2939
318	PIANO, ORGAN TUNERS, REPAIRERS	959	1062	0	0	0	0	0	0	50	60
319	SHIPFITTERS	1412	1497	0	0	0	0	0	0	1339	1436
320	SHOE REPAIRERS	2844	2876	0	0	0	0	0	0	400	398
321	SIGN PAINTERS AND LETTERERS	3795	4278	7	7	0	0	69	85	262	174
322	STATIONARY ENGINEERS	17098	16632	214	255	773	727	344	198	3795	3268
323	STONE CUTTERS, STONE CARVERS	502	516	0	0	4	3	26	26	376	413
324	TAILORS	8619	9517	0	0	0	0	0	0	4558	5216
325	UPHOLSTERERS	11406	11711	0	0	0	0	0	0	5011	4716
326	CRAFTS AND KINDRED WRKRS, NEC	13939	14367	59	71	60	64	2209	2492	6448	6879
329	OPERATIVES	1339469	1502725	16711	17592	14147	15075	46243	51366	734131	833847
330	OPERATIVES, EXC TRANSPORT	985485	1113937	9740	10163	10738	11166	33726	39678	669126	760822
331	SEMISKILLED METALWORKING	128784	140372	2647	2285	1133	1272	10106	12340	97690	105932
332	DRILL PRESS OPERATIVES	5616	5508	0	0	0	0	40	42	5457	5355
333	FURNACE TENDRS, SMELTRS,FOUNDRS	3738	4074	0	0	0	0	0	0	3694	4028
334	GRINDING MACHINE OPERATIVES	10151	10295	0	0	31	29	44	56	9155	9273
335	HEATERS, METAL	230	213	0	0	0	0	0	0	230	212
336	LATHE, MILLING MACH OPERATIVES	11738	13061	3	4	37	33	232	262	10935	12166
337	METAL PLATERS	6380	6913	0	0	0	0	0	0	5946	6408
338	OTHER PRECISION MACH OPR	4274	5344	0	0	0	0	50	68	4087	5092
339	PUNCH STAMPING PRESS OPR	10998	11840	21	21	0	0	3	0	10700	11509
340	SOLDERERS	4758	4844	0	0	0	0	32	40	4423	4701
341	WELDERS AND FLAME CUTTERS	70903	79875	2623	2260	1065	1210	9705	11874	43062	48128
342	SEMISKILLED TEXTILE	4052	4010	0	0	0	0	0	0	4052	4010
347	OTHER TEXTILE OPERATIVES	4052	4010	0	0	0	0	0	0	4052	4010
348	SEMISKILLED PACKING, INSPECTNG	154751	182572	4111	4796	54	49	5	5	115711	136903
349	CHECKERS, EXAMINERS, ETC, MFG	67489	80001	0	0	0	0	5	5	67489	80001
350	GRADERS AND SORTERS, MFG	6365	6933	0	0	0	0	0	0	6365	6933
351	MEAT WRAPPERS, RETAIL TRADE	5054	5751	0	0	0	0	0	0	0	0
352	PACKER, WRAPPER, NEC	65843	78082	3684	4608	54	49	0	0	41857	49969
353	PROD GRDR, PACKER, EXC FACT, FAR	10001	11804	227	188	0	0	0	0	0	0
354	OTHER OPERATIVES, EXC TRANSPORT	697897	786982	2983	3063	9551	9845	23620	27338	451673	513977
355	ASBESTOS, INSULATION WORKERS	2822	3541	0	0	6	0	2214	2810	446	532
356	ASSEMBLERS	169348	201683	16	0	48	65	846	1089	161211	191509
357	BLASTERS	367	395	0	0	180	187	133	147	48	37
358	BOTTLING, CANNING OPERATIVES	11837	12954	7	9	0	0	0	0	11048	11987
359	SURVEYOR HELPERS	1038	1136	0	0	23	27	188	192	37	52
360	CLOTHING IRONERS AND PRESSERS	12663	13477	0	0	0	0	0	0	3661	4056
361	CUTTING OPERATIVES, NEC	16514	18671	37	37	31	34	263	325	13414	14832
362	DRESSMAKERS, EXC FACTORY	15790	16408	3	0	0	0	0	0	0	0
363	DRILLERS, EARTH	3754	4035	103	155	1365	1554	1425	1396	760	814
364	DRY WALL INSTALLERS, LATHERS	14651	17344	0	0	0	0	14374	17033	6	0
365	DYERS	893	1081	0	0	0	0	0	0	751	916
366	FILER, POLISHER, SANDER, BUFFER	10158	10927	0	0	0	0	173	220	8756	9233
367	GARAGE WORKERS, GAS STAT ATTEN	47714	49452	3	2	20	21	134	153	147	147
368	LAUNDRY, DRY CLEAN OP, NEC	15918	17578	1	0	0	0	0	0	84	85
369	MEAT CUTTERS, BUTCHERS, EXC MFG	27440	28199	47	4	0	0	0	0	0	0
370	MEAT CUTTERS, BUTCHERS, MFG	8740	9438	0	0	0	0	0	0	8740	9438
371	MILLENERS	153	131	0	0	0	0	0	0	6	0
372	MINE OPERATIVES, NEC	7535	7566	0	0	7535	7566	0	0	0	0
373	MIXING OPERATIVES	6777	7388	103	98	9	10	126	179	5902	6351
374	OILERS, GREASERS, EXC AUTO	3596	3674	0	0	336	356	774	821	1795	1920
375	PAINTERS, MFG ARTICLES	13940	16518	0	0	0	0	0	0	7863	8892
376	PHOTOGRAPHIC PROCESS WORKERS	18252	22456	6	8	23	14	199	235	3676	4272
377	RIVETERS AND FASTENERS	1989	2138	0	0	0	0	51	73	1801	1893
378	SAILORS AND DECKHANDS	3942	3794	0	0	49	65	26	8	80	93
379	SEWERS	11076	11772	26	13	8	4	278	278	9967	10687
380	SEWERS AND STITCHERS	74192	88632	0	0	0	0	0	0	70018	83235
381	SHOEMAKING MACHINE OPR	912	933	0	0	0	0	0	0	912	933
382	FURNACE TENDR, STOKR, EXC METAL	4166	4150	161	216	98	115	69	53	2235	2237
383	WINDING OPERATIVES, NEC	5522	6699	0	0	3	0	122	163	4770	5743
384	MISC MACH OPERATIVES	107932	118831	1310	1451	0	0	1024	1059	90342	98759
385	OPERATIVES, NEC	79257	86223	1169	1087	0	0	1222	1305	43398	45305
386	TRANSPORT EQUIPMENT OPERATIVES	353584	386789	6971	7379	3409	3909	12517	11688	65005	73025
387	BOAT OPERATORS	441	429	75	88	6	6	11	9	35	24
388	BUS DRIVERS	36323	38454	0	0	0	0	0	0	58	50
389	CONDUCTORS AND OPR, URBAN RAIL	781	798	0	0	0	0	0	0	0	0
390	DELIVERY AND ROUTE WORKERS	90066	103817	2511	2765	238	263	979	1107	17913	20545
391	FORK LIFT, TOW MOTOR OPR	41191	47025	490	470	182	198	851	1030	23698	26604
392	RAIL VEHICLE OPERATORS, NEC	141	155	0	0	21	21	11	19	74	85
393	PARKING ATTENDANTS	8421	8662	0	0	0	0	10	0	28	24

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985	
12141	12769	49358	56614	963	954	41615	44391	2269	1897	OTHER CRAFTS, KINDRED WORKERS
66	76	8082	8761	0	0	1768	1759	43	45	BAKERS
43	43	2640	2619	10	12	756	711	119	186	CABINETMAKERS
4	0	4543	5095	31	29	240	322	8	0	CARPET INSTALLERS
1033	1120	971	1073	5	6	636	709	390	355	CRANE, DERRICK, AND HOIST OPR
17	13	13571	16877	0	0	2263	2274	0	0	DECORATORS, WINDOW DRESSERS
0	0	62	71	0	0	6499	6524	29	29	DENTAL LABORATORY TECH
21	5	822	916	0	0	1209	1416	5	0	FURNITURE AND WOOD FINISH
0	0	105	109	0	0	23	17	0	0	FURRIERS
20	21	2839	3405	40	42	779	825	7	0	GLAZIERS
10	11	184	114	0	0	27	12	0	0	INSPECTORS, LOG AND LUMBER
4336	4390	1095	1148	335	324	3735	3743	0	0	INSPECTORS, OTHER
0	0	2539	2796	0	0	1157	1201	21	25	JEWELERS AND WATCHMAKERS
0	0	0	0	0	0	0	0	0	0	MILLERS, GRAIN, FLOUR, FEED
0	0	6	0	4	0	3446	3988	6	7	MOTION PICTURE PROJECTIONISTS
0	0	3167	4088	0	0	1952	2490	51	61	OPTICIANS, LENS GRINDR, POLISHR
0	0	133	144	0	0	776	878	0	0	PIANO, ORGAN TUNERS, REPAIRERS
2	0	0	0	0	0	2	0	69	61	SHIPFITTERS
0	0	177	181	0	0	2265	2297	2	0	SHOE REPAIRERS
8	0	410	485	0	0	2966	3487	72	60	SIGN PAINTERS AND LETTERERS
5445	6007	1026	1065	537	540	4039	3767	925	804	STATIONARY ENGINEERS
0	0	96	74	0	0	0	0	0	0	STONE CUTTERS, STONE CARVERS
0	0	3162	3406	0	0	875	849	24	26	TAILORS
80	72	2102	2225	0	0	4157	4843	56	55	UPHOLSTERERS
1055	1006	1625	1963	0	0	2045	2496	437	183	CRAFTS AND KINDRED WKRS, NEC
143153	154530	241403	267068	1927	2150	127610	147261	14143	13885	OPERATIVES
14968	15352	149212	162685	934	1166	89866	105559	7176	7343	OPERATIVES, EXC TRANSPORT
3419	3675	4770	5489	44	60	7575	7853	1401	1465	SEMISKILLED METALWORKING
12	8	61	74	0	0	20	26	6	3	DRILL PRESS OPERATIVES
3	3	30	33	0	0	11	14	0	0	FURNACE TENDRS, SMELTRS,POURERS
19	13	119	131	0	0	780	790	4	4	GRINDING MACHINE OPERATIVES
0	0	0	0	0	0	0	0	0	0	HEATERS, METAL
75	75	313	358	0	0	93	125	47	41	LATHE, MILLING MACH OPERATIVES
49	31	160	183	0	0	38	61	187	170	METAL PLATERS
11	11	85	122	0	0	29	43	10	8	OTHER PRECISION MACH OPR
22	11	185	216	0	0	65	83	3	0	PUNCH STAMPING PRESS OPR
25	11	195	198	0	0	67	77	16	18	SOLDERERS
3204	3513	3603	4173	44	60	6471	6634	1126	1221	WELDERS AND FLAME CUTTERS
0	0	0	0	0	0	0	0	0	0	SEMISKILLED TEXTILE
0	0	0	0	0	0	0	0	0	0	OTHER TEXTILE OPERATIVES
1551	1840	29764	34919	0	0	2028	2332	1533	1735	SEMISKILLED PACKING, INSPECTNG
0	0	0	0	0	0	0	0	0	0	CHECKERS, EXAMINERS, ETC, MFG
0	0	0	0	0	0	0	0	0	0	GRADERS AND SORTERS, MFG
0	0	5054	5752	0	0	0	0	0	0	MEAT WRAPPERS, RETAIL TRADE
1454	1745	15047	17662	0	0	2028	2332	1519	1718	PACKER, WRAPPER, NEC
97	95	9663	11505	0	0	0	0	15	17	PROD GRDR, PACKER, EXC FACT, FAR
9998	9837	114678	123277	890	1108	60263	95374	4243	4144	OTHER OPERATIVES, EXC TRANSPORT
29	25	95	114	0	0	38	60	0	0	ASBESTOS, INSULATION WORKERS
0	0	6195	7647	0	0	1032	1373	0	0	ASSEMBLERS
13	6	12	15	0	0	21	34	40	47	BLASTERS
20	25	763	932	0	0	0	0	0	0	BOTTLING, CANNING OPERATIVES
45	47	0	0	12	0	567	643	166	176	SURVEYOR *ELPERS
0	0	378	383	0	0	8601	9032	23	17	CLOTHING IRONERS AND PRESSERS
9	11	2366	2843	0	0	347	590	0	0	CUTTING /PERATIVES, NEC
5	5	6674	6045	0	0	9039	10288	70	71	DRESSMAKERS, EXC FACTORY
24	24	34	31	0	0	27	43	16	16	DRILLERS, EARTH
6	0	15	14	27	34	220	263	3	0	DRY WALL INSTALLERS, LATHERS
0	0	134	156	0	0	8	11	0	0	DYERS
41	47	650	737	0	0	520	669	18	32	FILER, POLISHER, SANDER, BUFFER
342	379	43490	44014	10	3	3248	4912	331	320	GARAGE WORKERS, GAS STAT ATTEN
0	0	194	250	10	9	15544	17156	85	78	LAUNDRY, DRY CLEAN OP, NEC
82	67	26879	27669	0	0	209	231	223	228	MEAT CUTTERS, BUTCHERS, EXC MFG
0	0	0	0	0	0	0	0	0	0	MEAT CUTTERS, BUTCHERS, MFG
0	0	143	131	0	0	3	0	0	0	MILLWORKS
0	0	0	0	0	0	0	0	0	0	MINE OPERATIVES, NEC
0	0	577	675	0	0	60	75	0	0	MIXING OPERATIVES
322	244	282	250	0	0	126	79	59	64	OILERS, GREASERS, EXC AUTO
17	23	1763	2298	3	3	3787	5291	8	12	PAINTERS, MFG ARTICLES
164	204	515	634	21	13	13409	16547	438	548	PHOTOGRAPHIC PROCESS WORKERS
16	0	95	118	0	0	33	53	0	0	RIVETERS AND FASTENERS
2603	2690	22	21	0	0	578	848	84	76	SAILORS AND DECKHANDS
16	10	704	686	38	65	19	0	20	23	SAWYERS
5	5	1891	1981	0	0	2553	3359	24	31	SEWERS AND STITCHERS
0	0	0	0	0	0	0	0	0	0	SHOEMAKING MACHINE OPR
186	176	189	203	18	21	826	872	389	259	FURNACE TENDR, STOKR, EXC METAL
35	37	181	210	0	0	411	496	0	0	WINDING OPERATIVES, NEC
780	814	10451	12082	367	439	3068	3834	390	372	MISC MACH OPERATIVES
5237	4974	10386	12107	385	521	15914	19126	1636	1797	OPERATIVES, NEC
128185	139179	92192	104383	993	982	37745	41702	6966	6542	TRANSPORT EQUIPMENT OPERATIVES
99	83	6	0	0	0	129	197	81	74	BOAT OPERATORS
27660	29439	66	36	127	99	8191	8746	221	103	BUS DRIVERS
777	798	0	0	0	0	6	0	4	0	CONDUCTORS AND OPR, URBAN RAIL
8313	10551	51052	58283	234	267	9334	10516	92	0	DELIVERY AND ROUTE WORKERS
3439	3694	9556	11452	0	0	1169	1556	1804	2021	FORK LIFT, TOW MOTOR OPR
9	10	6	0	0	0	4	0	0	0	RAIL VEHICLE OPERATORS, NEC
41	22	1224	1168	156	88	6889	7361	74	0	PARKING ATTENDANTS

DETAILED OCCUPATIONAL EMPLOYMENT, CURRENT AND ANTICIPATED BY INDUSTRY DIVISION FOR CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	TOTAL ALL INDUSTRIES 1980	TOTAL ALL INDUSTRIES 1985	AGRICULTURE, FORESTRY FISHERIES 1980	AGRICULTURE, FORESTRY FISHERIES 1985	MINING 1980	MINING 1985	CONSTRUCTION 1980	CONSTRUCTION 1985	MANUFACTURING 1980	MANUFACTURING 1985
394	RAILROAD BRAKE OPERATORS	2111	2390	0	0	3	0	5	0	107	149
395	RAILROAD SWITCH OPERATORS	3239	3404	0	0	0	0	4	0	184	210
396	TAXICAB DRIVERS, CHAUFFEURS	11475	14071	4	2	7	7	41	34	359	330
397	TRUCK DRIVERS	159594	171582	1488	4054	2954	3395	10585	9469	23049	25513
398	SERVICE WORKERS	1395942	1604755	3512	3337	398	408	3213	3272	25270	24395
399	CLEANING SERVICE WRKRS	263140	297822	1520	1324	244	238	2508	2611	17161	16482
400	LODGING QTRS CLEANRS, EXC PRIV	25252	27186	20	23	3	0	0	0	0	0
401	BLDG. INTERIOR CLEANERS, NEC	99624	30408	333	318	29	27	461	529	1079	1156
402	JANITORS AND SEXTONS	193264	210029	1165	883	214	211	2046	2081	16082	15429
403	FOOD SERVICE WRKRS	539028	634610	692	876	33	37	129	104	1983	2181
404	BARTENDERS	46509	54002	0	0	0	0	0	0	7	8
405	DINING ROOM ATTENDANTS	44532	53927	0	0	0	0	0	0	0	0
406	COOKS, EXC PRIVATE	154767	188312	656	740	18	17	49	45	1151	1310
407	DISHWASHERS	30104	32970	0	0	0	0	7	0	117	106
408	FOOD CNUNTER, FOUNTAIN WORKERS	35130	42956	0	0	0	0	4	0	176	186
409	WAITERS, WAITRESSES	189110	219470	102	128	8	11	57	65	559	570
410	FOOD WORKERS, NEC, EXC PRIVATE	39426	43552	34	7	8	9	7	9	279	271
411	HEALTH SERVICE WRKRS	183260	214237	133	95	0	0	4	0	111	141
412	DENTAL ASSISTANTS	30560	37157	0	0	0	0	0	0	0	0
413	HEALTH AIDES, EXCEPT NURSING	34872	42006	99	87	0	0	0	0	20	22
414	HEALTH TRAINEES	265	326	0	0	0	0	0	0	0	0
416	NURSES AIDES, ORDERLIES	79726	98937	25	8	0	0	4	0	74	112
417	LVN (LIC VOC NURSES)	37537	45771	8	0	0	0	0	0	18	27
418	PERSONAL SERVICE WRKRS	163852	189498	255	341	17	25	132	141	615	548
419	FLIGHT ATTENDANTS	13179	17094	0	0	0	0	0	0	53	71
420	ATTEN. RECREATION, AMUSEMENT	15118	17743	0	0	0	0	0	0	0	0
421	ATTEN. PERSONAL SERVICE, NEC	8133	8427	0	0	0	0	0	0	0	0
422	BAGGAGE PORTERS AND BELLHOPS	3361	5332	0	0	0	0	0	0	220	166
423	BARBERS	7133	7715	0	0	0	0	0	0	0	0
424	BOARDING, LODGING HOUSEKEEPERS	2721	3326	0	0	0	0	0	0	0	0
425	BOOTBLACKS	165	193	0	0	0	0	0	0	0	0
426	CHILD CARE WORKERS, EXC PRIVATE	25218	35118	0	0	0	0	0	0	6	9
427	ELEVATOR OPERATORS	1563	1323	0	0	17	25	80	81	159	161
428	HAIRDRESSERS, COSMETOLOGISTS	52683	54983	0	0	6	0	0	0	96	68
429	HOUSEKEEPERS, EXC PRIVATE	12419	13506	255	341	0	0	52	60	71	61
431	SCHOOL MONITORS	13705	16170	0	0	0	0	0	0	0	0
432	USHERS, RECREATION, AMUSEMENT	2569	2633	0	0	0	0	0	0	0	0
433	WELFARE SERVICE AIDES	5886	6525	0	0	0	0	0	0	0	0
434	PROTECTIVE SERVICE WRKRS	162661	187105	612	801	105	108	445	416	5460	5002
435	CROSSING GUARD, BRIDGETENDERS	3168	3403	0	0	0	0	52	64	0	0
436	FIREFIGHTERS	30830	34088	218	404	33	48	19	19	284	241
437	GUARDS	59332	70309	291	397	66	60	320	316	5056	4672
438	MARSHALS AND CONSTABLES	562	689	0	0	0	0	0	0	0	0
439	POLICE AND DETECTIVES	58561	67906	3	0	6	6	54	17	58	39
440	SHERIFFS AND BAILIFFS	10268	10911	0	0	0	0	0	0	0	0
441	PRIVATE HOUSEHOLD WRKRS	82701	81622	0	0	0	0	0	0	0	0
442	CHILD CARE WORKERS	22439	22466	0	0	0	0	0	0	0	0
443	COOKS, PRIVATE	2329	2590	0	0	0	0	0	0	0	0
444	HOUSEKEEPERS, PRIVATE	16286	14229	0	0	0	0	0	0	0	0
445	LAUNDERERS, PRIVATE HOUSEHOLD	598	459	0	0	0	0	0	0	0	0
446	PRIV HOUSEHOLD CLEANRS, SERVANTS	41069	41924	0	0	0	0	0	0	0	0
447	LABORERS, EXCEPT FARM	389639	426471	59231	61653	851	842	47473	49780	42771	43310
448	ANIMAL CARETAKERS, EXC FARM	15523	17476	10511	11846	0	0	0	0	125	120
449	CARPENTERS HELPERS	2139	2334	0	0	0	0	1174	1032	381	376
450	CONSTR LABR, EXC CARPENTER HELP	48936	51231	245	218	181	151	42599	44091	1237	1270
451	FISHERS	1879	1655	1796	1564	0	0	0	0	1	1
452	FREIGHT, MATERIAL HANDLERS	33415	37201	587	340	467	501	1271	1380	19588	20496
453	GARBAGE COLLECTORS	7424	8589	0	0	0	0	41	50	7	8
454	GARDENR, GROUNDSKEEPR, EXC FARM	98168	111761	46413	51576	4	5	2134	2456	850	870
455	LUMBERJACKS, TREEFELLERS	6474	6857	0	0	11	27	0	0	356	377
456	TIMBERCUTTING, LOGGING WORKERS	2020	2113	16	13	0	0	10	0	2487	2180
457	STOCK HANDLERS	88567	99276	32	22	4	5	171	231	4143	4661
458	TEAMSTERS	326	305	0	0	0	0	11	12	146	91
459	VEHICLE WASHR, EQUIP CLEANERS	18869	20530	84	83	36	27	149	150	2256	1881
460	WAREHOUSE LABORERS, NEC	24078	26923	47	38	54	73	279	283	2196	2215
461	OTHER LABORERS	20639	21926	406	358	39	33	0	0	1403	1167
462	FARMERS AND FARM WORKERS	269976	292211	269976	292211	0	0	0	0	0	0
463	FARMERS AND FARM MANAGERS	48033	48110	48033	48110	0	0	0	0	0	0
464	FARMERS (OWNERS AND TENANTS)	36905	35849	36905	35849	0	0	0	0	0	0
465	FARM MANAGERS	11134	12261	11134	12261	0	0	0	0	0	0
466	FARM LABORERS, FARM SUPERVISORS	241943	244101	241943	244101	0	0	0	0	0	0
467	FARM LABOR SUPERVISORS	17464	18435	17464	18435	0	0	0	0	0	0
468	FARM LABORERS, WAGE WORKERS	220392	221157	220392	221157	0	0	0	0	0	0
469	FARM LABORERS, UNPAID FAMILY	2703	3015	2703	3015	0	0	0	0	0	0
470	FARM LABORERS, SELF-EMPL	1683	1494	1683	1494	0	0	0	0	0	0

TRANSPORTATION, COMMUNICATIONS, AND UTILITIES		TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICES		PUBLIC ADMINISTRATION		OCCUPATIONAL CATEGORY
1980	1985	1980	1985	1980	1985	1980	1985	1980	1985	
1971	2205	0	0	0	0	0	0	28	36	RAILROAD BRAKE OPERATORS
3001	3131	38	42	0	0	0	0	12	14	RAILROAD SWITCH OPERATORS
7273	7419	493	529	201	200	3000	3291	294	252	TAXICAB DRIVERS, CHAUFFEURS
75601	81826	29756	32873	275	328	9029	10085	4356	4041	TRUCK DRIVERS
24077	28683	472114	506120	14462	16312	728846	831700	123551	140534	SERVICE WORKERS
4593	4208	24622	25924	10159	11339	190153	223157	12181	12441	CLEANING SERVICE WRKRS
12	13	322	332	49	45	24810	36723	39	50	LODGING QTRS CLEANRS, EXC PRIV
452	422	4555	4896	1603	1799	35344	40443	766	917	BLDG INTERIOR CLEANERS, NEC
4129	3774	19745	20696	8506	9495	129999	145991	11376	11474	JANITORS AND SEXTONS
1809	1706	434744	517303	728	898	97376	109583	1840	1922	FOOD SERVICE WRKRS
57	60	41755	48663	10	15	4706	5228	24	28	BARTENDERS
25	27	36661	44158	16	20	7685	9023	123	176	DINING ROOM ATTENDANTS
722	675	124739	157423	293	375	25982	26735	937	926	COOKS, EXC PRIVATE
59	54	21587	23037	41	46	8212	9665	81	82	DISHWASHERS
133	137	25770	32007	39	44	8902	10450	106	132	FOOD COUNTER, FOUNTAIN WORKERS
429	394	168869	195597	205	258	18887	22328	344	385	WAITERS, WAITRESSES
385	360	15363	16418	123	140	23002	26154	225	193	FOOD WORKERS, NEC, EXC PRIVATE
64	74	421	487	17	30	181593	212026	918	1403	HEALTH SERVICE WRKRS
0	0	0	0	0	0	30487	37147	73	110	DENTAL ASSISTANTS
27	28	330	364	0	0	34271	41378	125	128	HEALTH AIDES, EXCEPT NURSING
0	0	0	0	0	0	565	326	0	0	HEALTH TRAINEES
33	46	82	123	0	0	78929	87619	519	1007	NURSES AIDES, ORDERLIES
3	0	9	0	17	30	37341	45556	142	158	LVN (LIC VOC NURSES)
15608	20523	8539	8404	1025	1046	133742	152902	3925	5570	PERSONAL SERVICE WRKRS
13086	16961	21	27	0	0	20	28	0	0	FLIGHT ATTENDANTS
107	107	413	433	39	28	12200	13250	2358	3925	ATTEN, RECREATION, AMUSEMENT
429	440	1198	1251	388	371	5761	5973	227	326	ATTEN, PERSONAL SERVICE, NEC
1220	2290	0	0	0	0	2056	2844	85	199	BAGGAGE PORTERS AND BELLHOPS
9	8	44	38	9	9	7022	7583	56	87	BARBERS
0	0	0	0	0	0	2721	3326	0	0	BOARDING, LODGING HOUSEKEEPERS
0	0	0	0	0	0	165	103	0	0	BOOTBLACKS
20	24	110	183	38	62	24886	34808	157	231	CHILD CARE WORKERS, EXC PRIVATE
71	63	194	152	421	410	493	335	128	96	ELEVATOR OPERATORS
71	73	4215	3736	0	0	48239	50557	62	49	HAIRDRESSERS, COSMETOLOGISYS
594	557	2343	2564	234	275	8714	9450	154	175	HOUSEKEEPERS, EXC PRIVATE
0	0	0	0	0	0	13705	16170	0	0	SCHOOL MONITORS
0	0	0	0	0	0	2569	2633	0	0	USHERS, RECREATION, AMUSEMENT
0	0	0	0	0	0	5191	6043	695	482	WELFARE SERVICE AIDES
2004	2170	3788	4003	2539	2998	43080	52410	104688	119198	PROTECTIVE SERVICE WRKRS
251	294	0	0	0	0	562	702	2243	2343	CROSSING GUARD, BRIDGETENDERS
93	98	10	0	4	0	476	529	29590	32699	FIREFIGHTERS
1463	1614	3396	3640	2478	2960	37504	47166	8760	9483	GUARDS
0	0	0	0	0	0	0	0	562	489	MARSHALS AND CONSTABLES
197	164	382	362	58	38	4538	4012	53265	63273	POLICE AND DETECTIVES
0	0	0	0	0	0	0	0	10268	10911	SHERIFFS AND BAILIFFS
0	0	0	0	0	0	82901	81622	0	0	PRIVATE HOUSEHOLD WRKRS
0	0	0	0	0	0	22629	22466	0	0	CHILD CARE WORKERS
0	0	0	0	0	0	2324	2590	0	0	COOKS, PRIVATE
0	0	0	0	0	0	16286	14229	0	0	HOUSEKEEPERS, PRIVATE
0	0	0	0	0	0	598	409	0	0	LAUNDERERS, PRIVATE HOUSEHOLD
0	0	0	0	0	0	41064	41928	0	0	PRIV HOUSEHOLD CLEANRS, SERVANTS
36634	38017	117044	131662	5455	6137	62686	73313	17520	17753	LABORERS, EXCEPT FARM
34	41	740	860	0	0	3310	3945	798	853	ANIMAL CARETAKERS, EXC FARM
48	53	91	126	12	17	178	256	54	75	CARPENTERS HELPERS
2259	2351	831	822	92	108	1232	1425	558	618	CONSTR LABR, EXC CARPENTER HELP
0	0	71	79	0	0	9	9	0	0	FISHERS
11537	11644	11295	12803	69	86	4088	4959	4707	4893	FREIGHT, MATERIAL HANDLERS
7280	8396	9	10	49	74	26	34	11	11	GARBAGE COLLECTORS
908	1011	2182	2820	4692	5304	33747	38820	8853	8799	GARDENR, GROUNDSKEEPR, EXC FARM
5951	6256	55	72	4	0	0	0	61	96	LONGSHORE WORKERS, STEVEDORES
23	24	88	95	0	0	0	0	0	0	TIMBERCUTTING, LOGGING WORKERS
755	567	79841	90233	105	115	3286	4004	281	137	STOCK HANDLERS
24	24	73	76	0	0	72	95	0	0	TEAMSTERS
1129	1025	4394	4971	9	9	10305	12175	273	169	VEHICLE WASHR, EQUIP CLEANERS
2325	2441	12772	13670	7	0	1072	1101	2266	1842	WAREHOUSE LABORERS, NEC
4158	4172	4590	5026	414	424	5360	6489	269	260	OTHER LABORERS
0	0	0	0	0	0	0	0	0	0	FARMERS AND FARM WORKERS
0	0	0	0	0	0	0	0	0	0	FARMERS AND FARM MANAGERS
0	0	0	0	0	0	0	0	0	0	FARMERS (OWNERS AND TENANTS)
0	0	0	0	0	0	0	0	0	0	FARM MANAGERS
0	0	0	0	0	0	0	0	0	0	FARM LABORERS, FARM SUPERVISORS
0	0	0	0	0	0	0	0	0	0	FARM LABOR SUPERVISORS
0	0	0	0	0	0	0	0	0	0	FARM LABORERS, WAGE WRKRS
0	0	0	0	0	0	0	0	0	0	FARM LABORERS, UNPAID FAMILY
0	0	0	0	0	0	0	0	0	0	FARM LABORERS, SELF-EMPL

JOB OPPORTUNITIES FROM INDUSTRIAL CHANGE AND REPLACEMENT NEEDS - CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	JOB OPPORTUNITIES, 1980 TO 1985: NET DEMAND FROM INDUSTRY CHANGE	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	JOB OPPORTUNITY RATIO *
1	TOTAL, ALL OCCUPATIONS	1416615	1799446	3216061	643212	5.81
2	PROFESSIONAL, TECHNICAL, KINDRED	206150	277561	483711	96742	4.75
3	ENGINEERS, TECHNICAL	31943	25611	57554	11511	4.29
4	ENGINEERS, AERO-ASTRONAUTIC	582	1772	2354	471	2.16
5	ENGINEERS, CHEMICAL	818	591	1409	282	4.80
6	ENGINEERS, CIVIL	3224	3674	6898	1380	4.43
7	ENGINEERS, ELECTRICAL	9496	5059	14555	2911	3.93
8	ENGINEERS, INDUSTRIAL	5937	4395	10332	2066	4.93
9	ENGINEERS, MECHANICAL	2219	3615	5834	1167	3.54
10	ENGINEERS, METALLURGICAL	282	229	511	102	4.59
11	ENGINEERS, MINING	128	115	243	49	10.25
12	ENGINEERS, PETROLEUM	31	193	224	45	2.45
13	ENGINEERS, SALES	738	897	1635	327	4.43
14	ENGINEERS, OTHER	8488	5071	13559	2712	5.53
15	LIFE AND PHYSICAL SCIENTISTS	5112	4379	9491	1898	4.82
16	AGRICULTURAL SCIENTISTS	415	497	912	182	6.99
17	ATMOSPHERIC, SPACE SCIENTISTS	238	235	473	95	5.48
18	BIOLOGICAL SCIENTISTS	873	827	1700	340	4.92
19	CHEMISTS	2341	1741	4082	816	5.22
20	GEOLOGISTS	408	473	881	176	5.30
21	MARINE SCIENTISTS	234	185	419	84	5.65
22	PHYSICISTS AND ASTRONOMERS	576	407	983	197	2.60
23	LIFE, PHYSICAL SCIENTISTS NEC	27	14	41	8	7.37
24	MATHEMATICAL SPECIALISTS	1028	853	1881	376	5.80
25	ACTUARIES	230	180	410	82	9.07
26	MATHEMATICIANS	343	145	488	98	4.99
27	STATISTICIANS	455	528	983	197	5.42
28	ENGINEERS, SCIENCE TECHNICIANS	19614	12087	31701	6340	4.41
29	AGRI, BIOLOG TECH EXC HEALTH	499	594	1093	219	4.14
30	CHEMICAL TECHNICIANS	542	429	971	194	3.41
31	DRAFTERS	7991	4520	12511	2502	4.97
32	ELECTRICAL, ELECTRONIC TECH	6023	2787	8810	1762	4.11
33	INDUSTRIAL ENGINEERING TECH	446	426	872	174	5.26
34	MATHEMATICAL TECHN	6	6	12	2	1.58
35	MECHANICAL ENGINEERING TECH	675	266	941	188	6.84
36	SURVEYORS	1289	603	1892	378	5.60
37	ENGINEERING, SCIENCE TECH NEC	2143	2456	4599	920	3.46
38	MEDICAL WORKERS, EXC TECH	39015	46415	85430	17086	6.15
39	CHIROPRACTORS	884	2485	3369	674	12.63
40	DENTISTS	1523	1382	2905	581	3.13
41	DIETITIANS	329	987	1316	263	5.17
42	OPTOMETRISTS	1332	1478	2810	562	8.59
43	PHARMACISTS	1956	3314	5270	1054	7.81
44	PHYSICIANS, MD OSTEOPATHS	9681	3773	13454	2691	4.59
45	PODIATRISTS	354	630	984	197	9.10
46	REGISTERED NURSES	18167	28653	46820	9364	6.55
47	THERAPISTS	3499	3124	6623	1325	6.64
48	VETERINARIANS	457	313	770	154	4.16
49	OTHER MEDICAL AND HEALTH	833	276	1109	222	15.55
50	HEALTH TECHNOL AND TECH	10292	9292	19584	3917	6.13
51	CLINICAL LAB TECHNOL, TECH	4165	3613	7778	1556	6.18
52	DENTAL HYGIENISTS	2781	1037	3818	764	12.31
53	HEALTH RECORD TECHNOL, TECH	245	387	632	126	6.51
54	RADIOLOGIC TECHNOL, TECH	2220	1938	4158	832	6.39
55	THERAPY ASSISTANTS	31	71	102	20	4.11
56	OTHER HEALTH TECHNOL, TECH	850	2246	3096	619	3.63
57	TECHNICIANS, EXC HEALTH	5470	2888	8358	1672	5.09
58	AIRPLANE PILOTS	1504	672	2176	435	3.83
59	AIR TRAFFIC CONTROLLERS	505	268	773	155	4.05
60	EMBALMERS	57	123	180	36	2.46
61	FLIGHT ENGINEERS	242	91	333	67	4.18
62	RADIO OPERATORS	636	614	1250	250	5.41
63	TOOL PROGRAMERS, NUMERICAL	68	29	97	19	4.05
64	OTHER TECHNICIANS EXC HEALTH	2458	1091	3549	710	7.46
65	COMPUTER SPECIALISTS	12401	4181	16582	3316	4.44
66	COMPUTER PROGRAMERS	6903	2390	9293	1859	4.19
67	COMPUTER SYSTEMS ANALYSTS	4721	1524	6245	1249	4.90
68	OTHER COMPUTER SPECIALISTS	777	267	1044	209	4.35
69	SOCIAL SCIENTISTS	5900	4492	10392	2078	5.63
70	ECONOMISTS	3265	2260	5525	1105	6.05
71	POLITICAL SCIENTISTS	-15	16	1	0	0.25
72	PSYCHOLOGISTS	1486	1651	3137	627	4.81
73	SOCIOLOGISTS	128	131	259	52	5.18
74	URBAN AND REGIONAL PLANNERS	757	275	1032	206	5.59
75	OTHER SOCIAL SCIENTISTS	279	159	438	88	10.94
76	TEACHERS	-8386	56566	48180	9636	2.42
77	ADULT EDUCATION TEACHERS	324	1179	1503	301	4.00
78	COLLEGE AND UNIVERSITY TEACHERS **	168	7871	8039	1608	2.43
87	ELEMENTARY SCHOOL TEACHERS	-1882	24782	22900	4580	2.85
97	PRESCHOOL, KINDERGARTEN	4971	4956	9927	1985	7.35
99	SECONDARY SCHOOL TEACHERS	-8882	10898	2016	403	0.39
106	TEACHERS NEC, EXC COLL, UNIVER	-3085	6880	3795	759	2.38
107	WRITERS, ARTISTS, ENTERTAINERS	25127	30455	55582	11116	5.40
108	ACTORS	531	901	1432	286	5.03
109	ATHLETES AND KINDRED WORKERS	2506	1627	4133	827	6.24

*This is the average annual job opportunities shown as a percent of 1980 employment for each occupation.

**College and university teachers by subject have been aggregated into the single occupation "College and University teachers."

JOB OPPORTUNITIES FROM INDUSTRIAL CHANGE AND REPLACEMENT NEEDS - CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	JOB OPPORTUNITIES, 1980 TO 1985: NET DEMAND FROM INDUSTRY CHANGE	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	JOB OPPORTUNITY RATIO *
110	AUTHORS	363	1722	2085	417	4.63
111	DANCERS	488	502	990	198	6.93
112	DESIGNERS	2671	3598	6269	1254	4.13
113	EDITORS AND REPORTERS	3866	3562	7428	1486	6.79
114	MUSICIANS AND COMPOSERS	4293	4073	8366	1673	6.22
115	PAINTERS AND SCULPTORS	3573	5171	8744	1749	4.97
116	PHOTOGRAPHERS	774	1844	2618	524	3.70
117	PUBLIC RELATIONS SPECIALISTS	2972	3852	6824	1365	6.32
118	RADIO, TV ANNOUNCERS	707	223	930	186	6.64
119	WRITERS, ARTISTS, ENTERTAIN NEC	2383	3380	5763	1153	5.18
120	OTHER PROFESSIONAL, TECHNICAL	58634	80342	138976	27795	5.67
121	ACCOUNTANTS	16410	26552	42962	8592	5.85
122	ARCHITECTS	3556	1830	5416	1083	8.40
123	ARCHIVISTS AND CURATORS	73	194	267	53	5.75
124	CLERGY	3212	6512	9724	1945	8.42
125	RELIGIOUS WORKERS, EXC CLERGY	1634	2665	4299	860	11.32
126	FARM MANAGEMENT ADVISORS	-31	38	7	1	0.37
127	FORESTERS, CONSERVATIONISTS	350	340	690	138	3.16
128	HOME MANAGEMENT ADVISORS	-35	47	12	2	0.68
129	JUDGES	0	525	525	105	7.88
130	LAWYERS	7064	11883	18947	3789	6.25
131	LIBRARIANS	687	2467	3154	631	5.07
132	OPERATIONS, SYSTEMS RESEARCH	3274	1667	4941	988	5.29
133	PERSONNEL LABOR RELATIONS	11102	9021	20123	4025	5.64
134	RESEARCH WORKERS, NEC	-745	2102	1357	271	1.18
135	RECREATION WORKERS	3371	3088	6459	1292	4.88
136	SOCIAL WORKERS	7689	8899	16588	3318	5.40
137	VOCATIONAL, ED COUNSELORS	993	2512	3505	701	3.75
138	MANAGERS, OFFICIALS, PROPRIETORS	175787	222606	398393	79679	6.64
139	BUYERS, SALES, LOAN MANAGERS	53730	34664	88394	17679	7.37
140	BANK, FINANCIAL MANAGERS	16293	9448	25741	5148	7.07
141	CREDIT MANAGERS	843	1189	2032	406	5.45
142	BUYERS, SHIPPERS, FARM PROD	296	577	873	175	9.61
143	BUYERS, WHOLESALE, RETAIL	10132	7674	17806	3561	9.99
144	PURCHASING AGENTS, BUYERS, NEC	5574	4464	10038	2008	6.51
145	SALES MANAGER, RETAIL TRADE	8579	5088	13667	2733	7.21
146	SALES MANAGER, EXC RET TRADE	12013	6224	18237	3647	6.83
147	ADMINISTRATORS, PUB INSPECTORS	6785	15819	22604	4521	4.70
148	ASSESS, CONTROL, LOC PUB ADMIN	110	625	735	147	5.07
149	CONSTRUCTION INSPECTOR, PUB	542	793	1335	267	6.83
150	HEALTH ADMINISTRATORS	1955	3786	5741	1148	6.75
151	INSPECTORS, EXC CONSTRUCT PUB	687	1582	2269	454	4.14
152	OFFICIALS, ADMINS, PUB	1328	4428	5756	1151	4.09
153	POSTMASTERS AND MAIL SUPER	-22	309	287	57	4.19
154	SCHOOL ADMIN, COLLEGE	-124	925	801	160	2.85
155	SCHOOL ADMIN, ELEM, SECONDARY	2309	3371	5680	1136	4.31
156	OTHER MANAGERS, OFFICIALS, PROPS	115272	172123	287395	57479	6.66
157	FUNERAL DIRECTORS	28	314	342	68	4.12
158	MGRS, SUPERINTENDANTS, BLDG	8774	18184	26958	5392	15.41
159	OFFICE MANAGERS, NEC	11665	8666	20331	4066	8.09
160	OFFICRS, PILOTS, PURSERS, SHIP	184	452	636	127	4.83
161	OFFICIALS OF LODGES, UNIONS	1853	3473	5326	1065	9.25
162	RAILROAD CONDUCTORS	407	584	991	198	9.19
163	RESTAURANT, CAFE, BAR MGRS	6438	10034	16472	3294	5.59
164	OTHER MGRS, ADMINISTRATORS	85923	130416	216339	43268	6.22
165	SALES WORKERS	147239	189468	336707	67341	7.46
166	ADVERTISING AGENTS, SALES WKRS	3707	2647	6354	1271	10.23
167	AUCTIONEERS	77	109	186	37	5.87
168	DEMONSTRATORS	1045	1046	2091	418	6.92
169	HUCKSTERS AND PEDDLERS	-857	3696	2839	568	2.76
170	INSURANCE AGENTS, BROKERS, ETC	13113	12195	25308	5062	7.25
171	NEWSPAPER CARRIERS AND VENDORS	-223	665	442	88	1.38
172	REAL ESTATE AGENTS, BROKERS	20315	33522	53837	10767	11.77
173	SALES REPRES, STOCK AND BONDS	1074	2552	3626	725	5.55
174	SALES WORKERS, NEC	108988	133036	242024	48405	7.09
179	CLERICAL WORKERS	325929	376303	702232	140446	6.50
180	STENOGRAPHERS, TYPISTS, SECRE	125925	133370	259295	51859	7.51
181	SECRETARIES, LEGAL	8381	5491	13872	2774	10.73
182	SECRETARIES, MEDICAL	5244	3219	8463	1693	10.61
183	SECRETARIES, OTHER	96944	91870	188814	37763	8.02
184	STENOGRAPHERS	-1371	2202	831	166	1.36
185	TYPISTS	16727	30588	47315	9463	5.69
186	OFFICE MACHINE OPERATORS	486	10352	10838	2168	2.37
187	BOOKKEEPING, BILLING OPERATORS	1447	1293	2740	548	7.06
188	CALCULATING MACHINE OPERATORS	559	904	1463	293	7.32
189	COMPUTER, PERIPHERAL EQUIP	3866	2578	6444	1289	3.43
190	DUPLICATING MACHINE OPERATORS	342	763	1105	221	4.66
191	KEYPUNCH OPERATORS	-5637	3981	-1656	-331	-1.06
192	TABULATING MACHINE OPERATORS	-87	24	-63	-12	-3.76
193	OTHER OFFICE MACHINE OPERATORS	-4	809	805	161	2.75
194	OTHER CLERICAL WORKERS	199518	232581	432099	86420	6.27
195	BANK TELLERS	6185	8031	14216	2843	5.41
196	BILLING CLERKS	5438	3985	9423	1885	9.31
197	BOOKKEEPERS, ACCOUNT CLERKS	26830	51879	78709	15742	6.11
198	CASHIERS	33396	25938	59334	11867	7.76
199	CLERICAL ASSIST, SOC WELFARE	564	804	1368	274	7.73
200	CLERICAL SUPERVISORS, NEC	3205	3393	6598	1320	5.56

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201	COLLECTORS, BILL AND ACCOUNT	1786	2195	3981	796	7.20
202	COUNTER CLERKS, EXC FOOD	8556	8857	17413	3483	7.95
203	DISPATCHER, STARTER, VEHICLE	1854	1494	3348	670	6.23
204	ENUMERATORS AND INTERVIEWERS	706	1205	1911	382	6.19
205	ESTIMATORS, INVESTIGATORS, NEC	4845	9529	14374	2875	4.70
206	EXPEDITORS, PROD CONTROLLERS	6254	4618	10872	2174	5.87
207	FILE CLERKS	5882	9643	15525	3105	5.81
208	INSURANCE ADJUST, EXAM	4704	2911	7615	1523	6.40
209	LIBRARY ATTENDANTS, ASSISTANT	-46	3152	3106	621	3.23
210	MAIL CARRIERS, POST OFFICE	868	2617	3485	697	2.64
211	MAIL HANDLER, EXC POST OFFICE	2952	3321	6273	1255	6.68
212	MESSENGERS AND OFFICE HELPERS	-103	981	878	176	2.86
213	METER READERS, UTILITIES	-36	222	186	37	1.10
214	PAYROLL, TIME KEEPING CLERKS	1734	3832	5566	1113	5.19
215	POSTAL CLERKS	-845	3787	2942	588	2.04
216	PROOFREADERS	702	666	1368	274	11.01
217	REAL ESTATE APPRAISERS	1062	1172	2234	447	6.91
218	RECEPTIONISTS	9989	13827	23816	4763	6.73
219	SHIPPING, RECEIVING CLERKS	8540	7456	15996	3199	5.20
220	STATISTICAL CLERKS	4262	7121	11383	2277	5.48
221	STOCK CLERKS, STORE KEEPERS	7295	8350	15645	3129	5.06
222	TEACHERS AIDES, EXC MONITORS	7515	9084	16599	3320	4.47
223	TELEGRAPH MESSENGERS	-107	17	-90	-18	-5.63
224	TELEGRAPH OPERATORS	-48	113	65	13	2.05
225	TELEPHONE OPERATORS	-594	9591	8997	1799	3.48
226	TICKET STATION, EXPRESS AGENTS	946	1800	2746	549	3.60
227	WEIGHERS	82	527	609	122	3.42
228	MISC CLERICAL WORKERS, NEC	45145	20463	65608	13122	12.27
229	CRAFTS AND KINDRED WORKERS	149857	177807	327664	65533	4.84
230	CONSTRUCTION CRAFTS WORKERS	36873	50094	86967	17393	4.80
231	CARPENTERS	9022	14725	23747	4749	4.65
233	BRICKMASONS AND STONEMASONS	134	898	1032	206	2.49
235	BULLDOZER OPERATORS	1582	1232	2814	563	5.58
236	CEMENT AND CONCRETE FINISHERS	3384	1631	5015	1003	6.84
237	ELECTRICIANS	5351	8932	14283	2857	4.27
239	EXCAVATING, GRADING, MACH OP	2991	2739	5730	1146	4.58
240	FLOOR LAYERS, EXC TILE SETTERS	100	163	263	53	3.40
241	PAINTERS, CONSTRUCTION, MAINT	4044	9596	13640	2728	5.26
243	PAPERHANGERS	227	372	599	120	8.45
244	PLASTERERS	-359	850	491	98	1.57
246	PLUMBERS AND PIPEFITTERS	6828	6443	13271	2654	5.48
248	ROOFER AND SLATERS	1643	857	2500	500	4.18
249	STRUCTURAL METAL CRAFT	1517	933	2450	490	5.70
250	TILESETTERS	409	723	1132	226	4.17
251	BLUE COLLAR WKRS SUPVR, NEC	26118	26792	52910	10582	5.03
252	METAL CRAFTS WORKERS, EXC MECH	11787	17575	29362	5872	4.37
253	BLACKSMITHS	-108	152	44	9	0.99
254	BOILERMAKERS	600	693	1293	259	8.33
255	HEAT TREATERS, ANNEALERS, ETC	-14	141	127	25	2.06
256	FORGE AND HAMMER OPERATORS	96	156	252	50	3.41
257	JOB AND DIE SETTERS, METAL	501	341	842	168	4.34
258	MACHINISTS	5693	8200	13893	2779	4.46
260	MILLWRIGHTS	301	667	968	194	3.89
261	MOLDERS, METAL	197	514	711	142	2.74
263	PATTERN AND MODEL MAKERS	704	705	1409	282	6.70
264	ROLLERS AND FINISHERS, METAL	-2	94	116	23	2.70
265	SHEET METAL WORKERS, TINSMITHS	1560	2413	3973	795	3.39
267	TOOL, DIEMAKERS	2235	3499	5734	1147	5.06
269	MECHANICS, REPAIRERS, INSTAL	53445	43562	97007	19401	5.21
270	AIR COND, HEATING, REFRIG	5370	2526	7896	1579	8.56
271	AIRCRAFT MECHANICS	3220	3048	6268	1254	4.19
272	AUTO ACCESSORIES INSTALR	153	130	283	57	3.50
273	AUTO BODY REPAIRERS	2280	1524	3804	761	5.03
274	AUTO MECHANICS	16559	12931	29490	5898	4.95
276	DATA PROCESSING MACH REPAIRERS	4816	449	5265	1053	9.06
277	FARM IMPLEMENT	987	780	1767	353	7.59
278	HEAVY EQUIP MECH, INCL DIESEL	6247	10988	17235	3447	4.02
279	HOUSEHOLD APPLIANCE MECHANICS	3073	2626	5699	1140	5.31
281	OFFICE MACHINE REPAIRERS	2184	662	2846	569	7.78
282	RADIO, TELEVISION REPAIRERS	4629	2226	6855	1371	6.81
283	RAILROAD, CAR SHOP REPAIRERS	203	740	943	189	5.53
284	OTHER MECHANICS	3724	4932	8656	1731	5.05
286	PRINTING TRADE CRAFTS WORKERS	2643	5862	8505	1701	4.02
287	BOOKBINDERS	252	630	882	176	5.05
288	COMPOSITORS AND TYPESETTERS	-324	2218	1894	379	3.04
289	ELECTROTYPERS, STEREOTYPERS	-20	109	89	18	4.31
290	ENGRAVERS EXC PHOTOENGRAVERS	-49	182	133	27	3.07
291	PHOTOENGRAVERS, LITHOGRAPHERS	834	724	1558	312	5.63
292	PRESS WKRS AND PLATE PRINTERS	1950	1999	3949	790	4.04
295	TRANSPORTATION, PUB UTIL CRAFT	4362	3636	7998	1600	2.88
296	ELEC PWR LINE INSTAL, REPAIRERS	669	489	1158	232	2.67
297	LOCOMOTIVE ENGINEERS	601	1023	1624	325	10.31
298	LOCOMOTIVE ENGINEERS HELPERS	-30	20	-10	-2	-1.29
299	POWER STATION OPERATORS	68	147	215	43	3.26
300	TELEPHONE INSTALLERS, REPAIRERS	3006	1702	4708	942	2.64
301	TELEPHONE LINE INSTAL, SPLICERS	48	255	303	61	0.93
302	OTHER CRAFTS, KINDRED WORKERS	14629	30286	44915	8983	5.09
303	BAKERS	865	2505	3370	674	4.66
304	CABINETMAKERS	429	2081	2510	502	4.05

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		NET DEMAND FROM INDUSTRY CHANGE	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	JOB OPPORTUNITY RATIO *
305	CARPET INSTALLERS	850	590	1440	288	2.70
306	CRANE, DERRICK, AND HOIST OPR	1878	1470	3348	670	5.75
307	DECORATORS, WINDOW DRESSERS	3392	2998	6390	1278	7.78
308	DENTAL LABORATORY TECH	201	951	1152	230	3.21
309	FURNITURE AND WOOD FINISH	161	554	715	143	4.67
310	FURRIERS	-11	95	84	17	8.84
311	GLAZIERS	1306	694	2000	400	5.72
312	INSPECTORS, LOG AND LUMBER	-52	325	273	55	2.06
313	INSPECTORS, OTHER	434	2318	2752	550	3.93
314	JEWELERS AND WATCHMAKERS	718	1515	2233	447	9.49
315	MILLERS, GRAIN, FLOUR, FEED	76	45	121	24	5.86
316	MOTION PICTURE PROJECTIONISTS	529	1344	1873	375	10.81
317	OPTICIANS, LENS GRINDR, POLISHR	1961	1296	3257	651	8.55
318	PIANO, ORGAN TUNERS, REPAIRERS	123	463	586	117	12.22
319	SHIPFITTERS	84	213	297	59	4.21
320	SHOE REPAIRERS	32	973	1005	201	7.07
321	SIGN PAINTERS AND LETTERERS	483	1022	1505	301	7.93
322	STATIONARY ENGINEERS	-466	2762	2296	459	2.69
323	STONE CUTTERS, STONE CARVERS	14	75	89	18	3.54
324	TAILORS	898	2496	3394	679	7.88
325	UPHOLSTERERS	306	1870	2176	435	3.82
326	CRAFTS AND KINDRED WRKRS, NEC	418	1631	2049	410	2.94
329	OPERATIVES	163259	169408	332667	66533	4.97
330	OPERATIVES, EXC TRANSPORT	128454	133674	262128	52426	5.32
331	SEMISKILLED METALWORKING	11587	14432	26019	5204	4.04
332	DRILL PRESS OPERATIVES	-108	781	673	135	2.40
333	FURNACE TENDRS, SMELTRS, POURERS	340	398	738	148	3.95
334	GRINDING MACHINE OPERATIVES	144	1232	1376	275	2.71
335	HEATERS, METAL	-17	31	14	3	1.22
336	LATHE, MILLING MACH OPERATIVES	1325	1373	2698	540	4.60
337	METAL PLATERS	532	550	1082	216	3.39
338	OTHER PRECISION MACH OPR	1070	504	1574	315	7.37
339	PUNCH STAMPING PRESS OPR	842	1142	1984	397	3.61
340	SOLDERERS	-713	866	-147	-29	-0.62
341	WELDERS AND FLAME CUTTERS	8172	7855	16027	3205	4.52
342	SEMISKILLED TEXTILE	-41	473	432	86	2.13
347	OTHER TEXTILE OPERATIVES	-41	473	432	86	2.13
348	SEMISKILLED PACKING, INSPECTNG	27820	22827	50647	10129	6.55
349	CHECKERS, EXAMINERS, ETC, MFG	12512	8794	21306	4261	6.31
350	GRADERS AND SORTERS, MFG	568	1348	1916	383	6.02
351	MEAT WRAPPERS, RETAIL TRADE	698	659	1357	271	5.37
352	PACKER, WRAPPER, NEC	12239	9949	22188	4438	6.74
353	PROD GRDR, PACKER, EXC FACT, FAR	1803	2077	3880	776	7.76
354	OTHER OPERATIVES, EXC TRANSPORT	89088	95942	185030	37006	5.30
355	ASBESTOS, INSULATION WORKERS	719	297	1016	203	7.20
356	ASSEMBLERS	32335	21613	53948	10790	6.37
357	BLASTERS	28	43	71	14	3.86
358	BOTTLING, CANNING OPERATIVES	1117	1760	2877	575	4.86
359	SURVEYOR HELPERS	98	68	166	33	3.20
360	CLOTHING IRONERS AND PRESSERS	815	2568	3383	677	5.34
361	CUTTING OPERATIVES, NEC	2157	2063	4220	844	5.11
362	DRESSMAKERS, EXC FACTORY	618	4802	5420	1084	6.86
363	DRILLERS, EARTH	281	504	785	157	4.18
364	DRY WALL INSTALLERS, LATHERS	2693	840	3533	707	4.82
365	DYERS	193	126	319	64	7.15
366	FILER, POLISHER, SANDER, BUFFER	770	1357	2127	425	4.19
367	GARAGE WORKERS, GAS STAT ATTEN	1738	3061	4799	960	2.01
368	LAUNDRY, DRY CLEAN OP, NEC	1660	3216	4876	975	6.13
369	MEAT CUTTERS, BUTCHERS, EXC MFG	759	3874	4633	927	3.38
370	MEAT CUTTERS, BUTCHERS, MFG	698	1173	1871	374	4.28
371	MILLENERS	-21	54	33	7	4.32
372	MINE OPERATIVES, NEC	31	812	843	169	2.24
373	MIXING OPERATIVES	611	669	1280	256	3.78
374	OILERS, GREASERS, EXC AUTO	-121	506	385	77	2.14
375	PAINTERS, MFG ARTICLES	3078	1483	4561	912	6.79
376	PHOTOGRAPHIC PROCESS WORKERS	4205	2753	6958	1392	7.62
377	RIVETERS AND FASTENERS	139	218	357	71	3.57
378	SAILORS AND DECKHANDS	352	496	848	170	4.93
379	SAWYERS	696	1405	2101	420	3.79
380	SEWERS AND STITCHERS	14441	17035	31476	6295	8.49
381	SHOEMAKING MACHINE OPR	21	168	189	38	4.15
382	FURNACE TENDR, STOKR, EXC METAL	-15	739	724	145	3.48
383	WINDING OPERATIVES, NEC	1127	747	1874	375	6.79
384	MISC MACH OPERATIVES	10899	12018	22917	4583	4.25
385	OPERATIVES, NEC	6966	9474	16440	3288	4.15
386	TRANSPORT EQUIPMENT OPERATIVES	34805	35734	70539	14108	3.99
387	BOAT OPERATORS	-12	41	29	6	1.31
388	BUS DRIVERS	2101	4870	7001	1400	3.85
389	CONDUCTORS AND OPR, URBAN RAIL	18	92	110	22	2.82
390	DELIVERY AND ROUTE WORKERS	13750	8604	22354	4471	4.96
391	FORK LIFT, TOW MOTOR OPR	5834	3363	9197	1839	4.47
392	RAIL VEHICLE OPERATORS, NEC	14	18	32	6	4.54
393	PARKING ATTENDANTS	241	1790	2031	406	4.82
394	RAILROAD BRAKE OPERATORS	279	298	577	115	5.47
395	RAILROAD SWITCH OPERATORS	164	440	604	121	3.73
396	TAXICAB DRIVERS, CHAUFFEURS	397	2143	2540	508	4.35
397	TRUCK DRIVERS	11989	14075	26064	5213	3.27

* This is the average annual job opportunities shown as a percent of 1980 employment for each occupation.

JOB OPPORTUNITIES FROM INDUSTRIAL CHANGE AND REPLACEMENT NEEDS - CALIFORNIA

LINE NUMBER	OCCUPATIONAL CATEGORY	JOB OPPORTUNITIES, 1980 TO 1985: NET DEMAND FROM INDUSTRY CHANGE	REPLACEMENT NEEDS DUE TO LABOR FORCE SEPARATIONS	TOTAL JOB OPPORTUNITIES FROM THESE SOURCES	AVERAGE ANNUAL JOB OPPORTUNITIES	JOB OPPORTUNITY RATIO *
398	SERVICE WORKERS	209316	270551	479867	95973	6.88
399	CLEANING SERVICE WRKRS	34482	62920	97402	19480	7.40
400	LODGING QTRS CLEANRS, EXC PRIV	11934	6806	18740	3748	14.84
401	BLDG INTERIOR CLEANERS, NEC	5783	10038	15821	3164	7.09
402	JANITORS AND SEXTONS	16765	46076	62841	12568	6.50
403	FOOD SERVICE WRKRS	94981	85290	180271	36054	6.68
404	BARTENDERS	7443	9277	16720	3344	7.18
405	DINING ROOM ATTENDANTS	8895	2290	11185	2237	5.02
406	COOKS, EXC PRIVATE	33544	27961	61505	12301	7.95
407	DISHWASHERS	2886	3060	5946	1189	3.95
408	FOOD COUNTER, FOUNTAIN WORKERS	7826	5573	13399	2680	7.63
409	WAITERS, WAITRESSES	30260	29972	60232	12046	6.37
410	FOOD WORKERS, NEC, EXC PRIVATE	4127	7157	11284	2257	5.72
411	HEALTH SERVICE WRKRS	31038	34663	65701	13140	7.17
412	DENTAL ASSISTANTS	6697	6256	12953	2591	8.48
413	HEALTH AIDES, EXCEPT NURSING	7135	6112	13247	2649	7.60
414	HEALTH TRAINEES	-238	82	-156	-31	-5.52
416	NURSES AIDES, ORDERLIES	9210	13851	23061	4612	5.79
417	LVN (LIC VOC NURSES)	8234	8362	16596	3319	8.84
418	PERSONAL SERVICE WRKRS	25647	33205	58852	11770	7.18
419	FLIGHT ATTENDANTS	3915	2804	6719	1344	10.20
420	ATTEN, RECREATION, AMUSEMENT	2625	2025	4650	930	6.15
421	ATTEN, PERSONAL SERVICE, NEC	294	1743	2037	407	5.01
422	BAGGAGE PORTERS AND BELLHOPS	1972	753	2725	545	16.22
423	BARBERS	582	1680	2262	452	6.34
424	BOARDING, LODGING HOUSEKEEPERS	604	1347	1951	390	14.34
425	BOOTBLACKS	-62	65	3	1	0.36
426	CHILD CARE WORKERS, EXC PRIVATE	9900	6637	16537	3307	13.12
427	ELEVATOR OPERATORS	-239	603	364	73	4.66
428	HAIRDRESSERS, COSMETOLOGISTS	1801	9739	11540	2308	4.38
429	HOUSEKEEPERS, EXC PRIVATE	1087	2861	3948	790	6.36
431	SCHOOL MONITORS	2465	1531	3996	799	5.83
432	USHERS, RECREATION, AMUSEMENT	64	333	397	79	3.09
433	WELFARE SERVICE AIDES	639	1084	1723	345	5.65
434	PROTECTIVE SERVICE WRKRS	24445	28733	53178	10636	6.54
435	CROSSING GUARD, BRIDGETENDERS	295	2137	2432	486	15.65
436	FIREFIGHTERS	3258	1842	5100	1020	3.31
437	GUARDS	10977	20419	31396	6279	10.58
438	MARSHALS AND CONSTABLES	-73	95	22	4	0.78
439	POLICE AND DETECTIVES	9345	3668	13013	2603	4.44
440	SHERIFFS AND BAILIFFS	643	572	1215	243	2.37
441	PRIVATE HOUSEHOLD WRKRS	-1277	25740	24463	4893	5.90
442	CHILD CARE WORKERS	-163	5710	5547	1109	4.90
443	COOKS, PRIVATE	266	1023	1289	258	11.09
444	HOUSEKEEPERS, PRIVATE	-2056	4951	2895	579	3.56
445	LAUNDERERS, PRIVATE HOUSEHOLD	-188	186	-2	0	-0.07
446	PRIV HOUSEHOLD CLEANRS, SERVANTS	864	13870	14734	2947	7.18
447	LABORERS, EXCEPT FARM	36842	53732	90574	18115	4.65
448	ANIMAL CARETAKERS, EXC FARM	2453	2125	4578	916	6.09
449	CARPENTERS HELPERS	196	214	410	82	3.83
450	CONSTR LABR, EXC CARPENTER HELP	2295	4570	6865	1373	2.81
451	FISHERS	-223	282	59	12	0.63
452	FREIGHT, MATERIAL HANDLERS	3791	4798	8589	1718	3.22
453	GARBAGE COLLECTORS	1160	680	1840	368	4.96
454	GARDENR, GROUNDSKEEPR, EXC FARM	12593	26709	39302	7860	7.93
455	LONGSHORE WORKERS, STEVEDORES	383	801	1184	237	3.65
456	TIMBERCUTTING, LOGGING WORKERS	-307	253	-54	-10	-0.41
457	STOCK HANDLERS	10709	6182	16891	3378	3.81
458	TEAMSTERS	-20	19	-1	0	-0.06
459	VEHICLE WASHR, EQUIP CLEANERS	1666	1591	3257	651	3.45
460	WAREHOUSE LABORERS, NEC	846	2444	3290	658	2.73
461	OTHER LABORERS	1300	3064	4364	873	4.23
462	FARMERS AND FARM WORKERS	2236	62010	64246	12849	4.43
463	FARMERS AND FARM MANAGERS	78	16175	16253	3251	6.77
464	FARMERS (OWNERS AND TENANTS)	-1050	13286	12236	2447	6.63
465	FARM MANAGERS	1128	2889	4017	803	7.22
466	FARM LABORERS, FARM SUPERVISORS	2158	45835	47993	9599	3.97
467	FARM LABOR SUPERVISORS	971	3271	4242	848	4.86
468	FARM LABORERS, WAGE WRKRS	1064	41643	42707	8541	3.88
469	FARM LABORERS, UNPAID FAMILY	312	585	897	179	6.64
470	FARM LABORERS, SELF-EMPL	-189	336	147	29	1.75

* This is the average annual job opportunities shown as a percent of 1980 employment for each occupation.

source: California Employment Development Department
Employment Data and Research Division

note: The occupational projections detailed in this section are in the process of being revised. The revised data will be available in the Fall of 1982.

EXPLANATION OF TERMS AND CONCEPTS

EXPLANATION OF TERMS AND CONCEPTS

NOTE: For definitions of terms in Social and Economic Data Section see Glossary at the beginning of that section.

Civilian Labor Force: The sum of total civilian employment and unemployment.

Total Civilian Employment: The sum of wage and salary employment, private household, self-employed, and unpaid family workers, and those on trade disputes; adjusted to eliminate double counting of persons holding more than one job and to a place of residence basis.

Employed persons comprise (a) all civilians who during the survey week did any work at all as paid employees, or in their own business or profession or on their own farm, or who worked 15 hours or more as unpaid workers in a family enterprise; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, personal reasons, whether or not they were paid for the time off.

Total Unemployment: The sum of persons receiving unemployment insurance benefits, persons who have exhausted their unemployment insurance benefits and are still unemployed, persons who have delayed filing for benefits but who are not working, unemployed persons who applied for benefits but were not qualified to receive them, workers separated from industries not covered by unemployment insurance, and unemployed persons newly entering or re-entering the labor force.

Unemployed persons comprise all civilians who did not work during the survey week, who made specific efforts to find a job within the past four weeks, and who were available for work (except for temporary illness) during the survey week. Also included as unemployed are those who did not work at all, but were available for work and (a) were waiting to be recalled to a job from which they had been laid off for a specific time; or (b) had a new job to go to within thirty days.

Unemployment Rate: Total unemployment divided by total civilian labor force and expressed as a percentage is referred to as the "unadjusted unemployment rate."

A "seasonally adjusted unemployment rate" is computed for the State. The seasonal adjustment eliminates the influence of regularly recurring seasonal fluctuations which can be ascribed to weather, crop-growing cycles, holidays, vacations, regular industry model changeover periods, etc., and therefore more clearly shows the underlying basic trend of unemployment.

Wage and Salary Employment: The sum of persons on establishment payrolls who receive pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid volunteer or family workers, and domestic workers in households.

Labor Market Area: An economically integrated geographic unit that consists of a central city or cities, and the surrounding territory within normal commuting distance. It typically includes one or more counties. This term is synonymous with the term "SMSA" in the areas designated as SMSA's.

Standard Metropolitan Statistical Areas (SMSA) is a term applied by the U.S. Bureau of the Budget to counties or aggregations of counties that have one or more central core cities and that meet specified criteria of population, population density, commute patterns, and social and economic integration.

Current Population Survey (CPS): A monthly household survey of a sample of the civilian noninstitutional population of the United States. The survey provides monthly statistics on employment, unemployment and related subjects which are analyzed and published by the Bureau of Labor Statistics.

Dictionary of Occupational Titles (DOT): A system of occupational classification which is published by the U.S. Department of Labor. It presents a numerical classification structure by means of which occupations are arranged according to job content, tasks or activities performed, and inter-relationships with other occupations.

1970 Census Occupational Classification: A system of occupational classification developed by the Bureau of the Census for the 1970 Census of Population. This system is used when projections of employment by occupation are made.

Expanded definitions of these and other labor market terms can be found in the Glossary of Labor Market Terminology, available from the Employment Development Department, Employment Data and Research Division.